501 LEONARD STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 13CVCP128K

NYC E-Designation Site Number: 13EHAZ318K

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

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

CERTIFICATION

I, Scott A. Yanuck, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 501 Leonard Street, Brooklyn, site, (NYC VCP Site No. 13CVCP128K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Scott A. Yanuck 9/5/13 Scott A. Yanuck

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 501 Leonard Street in the Greenpoint section in Brooklyn, New York and is identified as Block 2697 and Lot 7 on the New York City Tax Map. Figure 1.0 shows the Site location. The Site is 8,800-square feet and is bounded by Leonard Street to the east, Manhattan Avenue to the west, an eight-story residential building to the north, and a 6-story residential building to the south. A map of the site boundary is shown in Figure 3.0. Currently, the Site is used for Auto Repair and Auto Body purposes and contains a single story brick building, with a partial basement in the northeast corner.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 3,753 square-foot, mixed-use, eight-story residential building, with two commercial units and parking garage on the first floor, and a basement for storage and mechanical housing. Layout of the proposed site development is presented in Figures 5.1 and 5.2. The current zoning designation is M1-2/R6, for mixed high performance light manufacturing and residential. The proposed use is consistent with existing zoning for the property.

Prior to redevelopment, the existing 1-story building will be demolished. The proposed building will have a full basement, and soils will be excavated to the bottom of the basement, to a depth of approximately 11'-3" below the current grade in the footprint of the building, and 2' below grade in the remainder of the property. The depth to groundwater at the property is approximately 8.4' to 9.5' below grade, and as such, may be encountered during the excavation of the basement. Therefore, dewatering must be established during excavation of the basement, and a means of waterproofing and a vapor barrier must be utilized in the construction of this area new building.

Summary of Past Uses of Site and Areas of Concern

The Subject Property has been used for commercial purposes since construction circa 1931. According to Sanborn Fire Insurance Maps former occupants have included a 'Furniture Assembling and Finishing' facility, a 'service station', and an outdoor drive-in movie theatre. The southern section of the building had most recently been occupied by a motorcycle fabrication company. The northern portion of the building is currently occupied by an auto repair and auto body shop.

The AOCs identified for this site include:

1. The areas of the property not scanned during the previous GPR survey, and their potential, based on historical usage, to maintain further USTs.
2. The potential sub-grade contamination of the property, based on the following: current and former usage; onsite RCRA Hazardous Waste Generator listing; onsite little 'E' listing for Underground Gasoline Storage Tanks; and an active up-gradient spill.

Summary of the Work Performed under the Remedial Investigation

Laurel Environmental Associates, Ltd. (LEA) performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six soil borings across the entire project Site, and collected twelve soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples, from the three installed monitoring wells and one existing monitoring well, for chemical analysis to evaluate groundwater quality;
4. Surveyed the four sampled wells along with accurate depth to groundwater, in order to accurately determine the flow of groundwater beneath the Subject Site.

5. Installed four soil vapor probes around Site perimeter and collected four soil vapor and one indoor air samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is fifteen feet.
2. Depth to groundwater ranges from 8.4' to 9.5' feet at the Site.
3. Groundwater flow is generally from south-southwest to north-northeast beneath the Site.
4. Depth to bedrock is approximately 100 feet at the Site.
5. The known stratigraphy in the area of the site is considered to be ~6 feet of urban fill, followed by fine silty sand up to 12 feet and fine to medium grained sands to 32 feet and up to 100 feet of the Upper Glacial Aquifer, which is likely underlain directly by bedrock.
6. Soil/fill samples collected during the RI showed volatile organic compounds (VOCs) including 1,2-dichloroethane (max. of 0.028 ppm), 1,4-dioxane (max. of 0.15 ppm), acetone (max. of 0.085 ppm), and vinyl chloride (max. of 0.028 ppm) were detected at concentrations slightly exceeding the NYSDEC Part 375 Unrestricted Use (Track 1) Soil Cleanup Objectives (SCO). Trace levels of chlorinated solvents (PCE, TCE, TCA or Carbon Tetrachloride) were also detected in the samples collected from the Site. Several Semi-Volatile Organic Compounds (SVOCs) including 1,2-dichlorobenzene (max. of 3.16 ppm), 1,4-dichlorobenzene (max. of 2.97 ppm), 2-methylphenol (max. of 1.83 ppm), benzo(a)anthracene (max of 13.9 ppm), benzo(b)fluoranthene (max of 12 ppm), benzo(k)fluoranthene (max of 11.8 ppm), dibenzo(a,h)anthracene (max of 4.13 ppm), hexachlorobenzene (max of 2.85 ppm), and indeno(1,2,3-cd)pyrene (max 9.96 ppm), chrysene (max of 14.3 ppm), pentachlorophenol (max of 3.64 ppm), and phenol (max of 2.09 ppm) exceeded their respective NYSDEC Track 1 Soil Cleanup Objectives, and of these benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, hexachlorobenzene, and indeno(1,2,3-cd)pyrene also exceeded their respective Track 2 Restricted Residential SCOs. Metals including arsenic (max. of 24.5 ppm), cadmium (5.59 ppm), copper (max. of 887 ppm), lead (maximum of 5,790 ppm), selenium

(maximum of 11.3 ppm) and silver exceeded Track 1 SCOs and, of these arsenic, cadmium, copper and lead also exceeded Track 2 Restricted Residential SCOs.

7. Groundwater samples collected during the RI showed that pesticides and PCBs were not detected in any groundwater sample. Groundwater samples collected during the RI showed several VOCs at concentrations exceeding the New York State 6NYCRR Part 703.5 Class GA groundwater standards (GQS). These included; 1,1,2-trichloroethane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, cis-1,3-dichloropropylene, hexachlorobutadiene, and trans-1,3-dichloropropylene. Several SVOCs and metals including arsenic (32 ppb), magnesium, manganese, and selenium were detected at levels exceeding their respective GQS.

8. Soil vapor samples collected during the RI showed a wide variety of VOCs at low concentrations, consisting mainly of benzene, toluene, ethyl-benzene, xylenes (BTEX) and associated compounds at concentrations generally below 49 $\mu g/m^3$. Chlorinated VOCs were detected at trace levels. PCE was detected at a maximum concentration of 7 $\mu g/m^3$ in one of five samples. TCA, TCE and vinyl chloride were not detected in any sample.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

501 Leonard Realty, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 8,800-square feet site located at 501 Leonard Street in the Greenpoint section of Brooklyn, New York. Mixed commercial and residential use is proposed for the property. The RI work was performed between January 21, 2012 and March 5, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 501 Leonard Street in the Greenpoint section in Brooklyn, New York and is identified as Block 2697 and Lot 7 on the New York City Tax Map. Figure 1.0 shows the Site location. The Site is 8,800-square feet and is bounded by Leonard Street to the east, Manhattan Avenue to the west, an eight-story residential building to the north, and a 6-story residential building to the south. A map of the site boundary is shown in Figure 3.0. Currently, the Site is used for Auto Repair and Auto Body purposes and contains a single story brick building, with a partial basement in the northeast corner.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 3,753 square-foot, mixed-use, eight-story residential building, with two commercial units and parking garage on the first floor, and a basement for storage and mechanical housing. Layout of the proposed site development is presented in Figures 5.1 and 5.2. The current zoning designation is M1-2/R6, for mixed high performance light manufacturing and residential. The proposed use is consistent with existing zoning for the property.

Prior to redevelopment, the existing 1-story building will be demolished. The proposed building will have a full basement, and soils will be excavated to the bottom of the basement, to a depth of approximately 11’-3” below the current grade in the footprint of the building, and 2’

below grade in the remainder of the property. The depth to groundwater at the property is approximately 8.4' and 9.5', and as such may be encountered during excavation of the basement. Therefore, dewatering must be established during excavation of the basement, and a means of waterproofing and a vapor barrier must be utilized in the construction of this area new building.

1.3 Description of Surrounding Property

The property lies within a mixed manufacturing, residential and commercial neighborhood, with a mixture of high-rise residential buildings, one two and three-story mixed-use buildings, and one-story warehouse and manufacturing buildings. To the east, beyond Leonard Street, lie a number of manufacturing buildings, each approximately 10,000 square-feet in area. Adjoining to the south is a six-story residential building, followed by the intersection of Leonard Street and Manhattan Avenue. Beyond Manhattan Avenue to the west lies McCarren Park, a New York City municipal park, and adjoining to the north is an eight-story residential building. According to the Office of Environmental Remediation Searchable Property Environmental E-Database (OER SPEED), there are no sensitive receptors within 500-feet of the Subject Site.

Figure 4.0 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

The Subject Property has been used for commercial purposes since construction circa 1931. According to Sanborn Fire Insurance Maps former occupants have included a 'Furniture Assembling and Finishing' facility, a 'service station', and an outdoor drive-in movie theatre. The southern section of the building had most recently been occupied by a motorcycle fabrication company. The northern portion of the building is currently occupied by an auto repair and auto body shop.

2.2 Previous Investigations

A Ground Penetrating Radar (GPR) survey was conducted by X-Ray Locating Service, Inc., of Smithtown, on August 16, 2012, as part of a Phase I Environmental Site Assessment, performed by Pressley and Associates, Inc. The area of the survey was restricted to the northeast corner of the building, including the partial basement, and was conducted to determine whether either of two gasoline USTs, depicted in a historical Sanborn map from 1942, were still present. X-Ray Locating Service, Inc. concluded that the historic USTs were no longer present.

2.3 Site Inspection

The Site inspection found a one-story brick and masonry commercial use building, with a partial basement, currently used for automotive repair and bodywork. The building encompasses the entire 8,800 square foot parcel on which it resides. The building was constructed circa 1931 for commercial purposes and straddles the lot between Leonard Street and Manhattan Avenue. The Subject Building is divided into two sections. The southern section is dominated by a large open space currently utilized by the tenant of the northern section for the storage of vehicles. The southern section had recently been vacated by a motorcycle fabrication company. This section also maintains a small bathroom. The northern section is utilized for auto repair, and maintains a service and repair area, a body shop area, a reportedly unused spray-painting booth, and a small office. This northern section also maintains three above-ground electric lifts.

2.4 Areas of Concern

The AOCs identified for this site include:

1. The areas of the property not scanned during the previous GPR survey, and their potential, based on historical usage, to maintain further USTs.
2. The potential sub-grade contamination of the property, based on the following: current and former usage; onsite RCRA Hazardous Waste Generator listing; onsite little 'E' listing for Underground Gasoline Storage Tanks; and an active up-gradient spill.

Phase 1 Report is presented in Appendix A. A map showing areas of concern is presented in Figure 3.0.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Scott A. Yanuck.

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Laurel Environmental Associates, Ltd. (LEA) performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed six soil borings across the entire project Site, and collected twelve soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples, from the three installed monitoring wells and one existing monitoring well, for chemical analysis to evaluate groundwater quality;
4. Surveyed the four sampled wells along with accurate depth to groundwater, in order to accurately determine the flow of groundwater beneath the Subject Site.
5. Installed four soil vapor probes around Site perimeter and collected four soil vapor and one indoor air samples for chemical analysis.

4.1 Geophysical Investigation

A thorough geophysical survey was carried out in a systematic grid pattern across the Subject Site on December 13, 2012, using a Ground Penetrating Radar, Magnetometer, and line locating equipment. No subsurface anomalies were detected during the survey.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Soil borings were completed to 15 feet below grade at six predetermined locations, decided upon by OER, on December 18, 2012 and March 5, 2013, using a Geoprobe 6610 DT drill rig and the dual tube sampling system. Samples were collected utilizing a 2.25” diameter 5’ dual tube sampler with acetate liner. The collected samples were cut open, photographed, field-screened by visual, olfactory and calibrated PID, and logged prior to placing in sample containers. Soils from 0-5’ were comprised of some concrete, and brown and grey/brown clay-like soils. Soils from 5-10’ were comprised of dark brown and light brown clay-like soils. Soils

from 10-15' were comprised of wet clay-like soils. Visual and olfactory field screening found no evidence of contamination, and 0.0ppm was registered on the PID for all samples.

Boring logs were prepared by an Environmental Scientist, and are attached in Appendix C. A map showing the location of soil borings and monitor wells is shown in Figure 3.0.

Groundwater Monitoring Well Construction

Three temporary pre-pack monitoring well were installed from boring locations SB-1, SB-2A, and SB-3A. A groundwater sample (B-1W) was collected from the well using an inertial pump consisting of a stainless steel check valve and ball. The screen interval was set at 8 to 12 feet.

Monitor well locations are shown in Figure 3.0.

Survey

Soil borings and monitoring wells are identified on a site ketch (Figure 3.0), utilizing an aerial photograph, overlaid with a technical diagram of the proposed redevelopment plans.

Water Level Measurement

Groundwater levels were measured utilizing a Solinist model 102 Water Level Meter. Measurements were taken from the north point of each monitoring well. Relative well casing elevations where surveyed using a Wild Heerbrugg level.

Water level data is included in Table 5.0.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides

sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Soil sampling using the GeoProbe Dual Tube DT22 sampling system provides a high level of sample quality. The outer rods provide a casing so that the deeper sample can be collected without being mixed with material that could fall into the borehole from above. A new liner is utilized for each 5 foot sampling interval. The rods and cutting shoes are decontaminated between boreholes using Alconox and rinsed with fresh water and then distilled water. One field blank sample was collected, as well as one duplicate sample, as part of the required QA/QC protocol.

Twelve soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 1.0. Figure 3.0 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Disposable polyethylene tubing was used in conjunction with an inertial pump to collect the groundwater sample, so no decontamination was necessary. Since the well was a pre-pack well which was installed and developed the same day, no additional purging was necessary. A groundwater sample was also collected from an existing permanent PVC monitoring well via disposable polyethylene tubing and an inertial pump. Approximately three well volumes were purged prior to the sampling of this well to ensure a true sample free from any excessive sediment. A duplicate sample was collected as part of the require QA/QC protocol.

Four groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Table 2.0. Sampling logs with information on purging and sampling of groundwater monitor wells included in Appendix D. Figure 3.0 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

A GeoProbe 6610 was utilized to set soil vapor points at four feet below grade, a depth just below the base of the proposed building slab. Once the sampling points were set in glass bead and sealed with bentonite above, a helium tracer gas was applied using the recommended bucket apparatus and a helium detector was used to confirm a sufficient seal at the surface. A trip blank summa canister was submitted as part of the required QA/QC protocol.

Four soil vapor probes were installed, along with a single indoor ambient air sample, and four soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 3.0. Soil vapor sample collection data is reported in Table 3.0. Soil vapor sampling logs are included in Appendix D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Renee Cohen
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories, Inc., (NYS ELAP License #10854)
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000);

	• PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 1.0, 2.0, and 3.0, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E and F.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Kings County is located in the Atlantic Coastal Plain physiographic province that is characterized by low hills of unconsolidated sands, gravel, and silt. According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel, and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan, and Lloyd Formations. The Gardeners clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the southwest portion of Long Island. Due to less surfacial contamination and higher well yields, the Magothy aquifer is the main supply for drinking and industrial water. Consequently, the USEPA has identified it as a Sole Source Aquifer. The Site is in the Upper Glacial aquifer. Pump test data suggests hydraulic conductivity between the Magothy and Upper Glacial aquifers. However, discontinuous clay lenses may prevent this interaction in some areas.

According to the United States Department of Agriculture Soil Survey Classification and Nomenclature System, this soil would likely be referred to as Urban Land, because the original composition and structure of the soil has been significantly altered by urbanization and development activities. Based on groundwater contour maps obtained from the United States Geological Survey, regional ground water flows in a southerly direction.

Stratigraphy

The site soils consist of approximately 5-6 feet of historical fill material mixed with soils and poorly graded sands, cinders and brick dust, followed by a mixture of muddy soils and sands beneath the initial fill layer.

Hydrogeology

According to groundwater contour maps provided by the NYCDEP and the NYSDEC Topographic Quadrangles provided by the USGS, and previous work performed by ***LEA*** in the area, the Subject Property has an elevation of approximately 15 feet above mean sea level. Regional groundwater is estimated to be 6 feet below grade at the Subject Property and flowing in an easterly direction, towards the East River. A table of water level data for all monitor wells

installed at the Site is included in Table 5.0. The average depth to groundwater, based upon measurements taken from the aforementioned monitoring wells, was 8.78 feet below grade, and the range in depth is 8.4' to 9.5'. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 6.0. Groundwater flow is from south-southeast to north-northwest.

5.2 Soil Chemistry

The results of chemical testing of soil and fill materials at the Site are as follows:

Soil/fill samples collected during the RI showed elevated levels of Volatile Organic Compounds (VOCs) at depths of 0-2 feet, at concentrations slightly exceeding the NYSDEC Part 375 Unrestricted Use (Track 1) Soil Cleanup Objectives, including; 1,2-dichloroethane (max. of 0.028 ppm), 1,4-dioxane (max. of 0.15 ppm), acetone (max. of 0.085 ppm), and vinyl chloride (max. of 0.028 ppm). Elevated levels of the VOC acetone, a common laboratory contaminant, was present in several soil samples at concentrations slightly exceeding the NYSDEC Track 1 Soil Cleanup Objectives (max. of 0.27 ppm).

Only trace levels of chlorinated solvents (PCE, TCE, TCA or Carbon Tetrachloride) were detected in the samples collected from the Site.

Samples collected from 0-2 feet below grade showed elevated levels of several Semi-Volatile Organic Compounds (SVOCs) at concentrations slightly exceeding their respective NYSDEC Track 1 Soil Cleanup Objectives, including; 1,2-dichlorobenzene (max. of 3.16 ppm), 1,4-dichlorobenzene (max. of 2.97 ppm), 2-methylphenol (max. of 1.83 ppm), benzo(a)anthracene (max of 13.9 ppm), chrysene (max of 14.3 ppm), pentachlorophenol (max of 3.64 ppm), and phenol (max of 2.09 ppm). The following SVOCs were detected in the 0-2 feet below grade samples, at concentrations exceeding the NYSDEC Track 2 (residential) Soil Cleanup Levels; benzo(b)fluoranthene (max of 12 ppm), benzo(k)fluoranthene (max of 11.8 ppm), dibenzo(a,h)anthracene (max of 4.13 ppm), hexachlorobenzene (max of 2.85 ppm), and indeno(1,2,3-cd)pyrene (max 9.96 ppm). Hexachlorobenzene was also detected in a single 4-6 feet below grade sample at a concentration exceeding the Track 2 Cleanup Objectives. Elevated

levels of benzo(a)pyrene was detected in the shallow samples, at concentrations exceeding the Track 2 (Commercial) Cleanup Objectives (max. of 17.8 ppm).

Several metals were detected in the samples collected from the Site. Arsenic was detected in seven of the twelve samples collected, all at concentrations above the Track 2 Restricted Residential SCO (max. of 24.5 ppm). Cadmium was detected in SB-1 (0-2') at a concentration exceeding the Track 2 SCO (5.59 ppm). Elevated levels of copper were detected in three of the twelve samples, at concentrations exceeding the Track 2 SCOs (max. of 887 ppm). Lead was detected in five of the deeper (4-6' and 5-7') samples, three of which exceeded the Track 2 SCOs, and five of the shallow (0-2') samples, all exceeding the Track 2 SCOs (max. of 5,790 ppm). Selenium was detected in two of the 12 samples, at levels exceeding the Track 1 SCOs (max. of 11.3 ppm). Silver was detected in SB-3A (0-2') at a concentration exceeding the Track 1 SCO (10.3 ppm).

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1.0. Figure 3.0 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

The results of chemical testing of groundwater at the Site are as follows:

Several VOCs were detected in the groundwater samples collected from the site, at concentrations exceeding the New York State 6NYCRR Part 703.5 Class GA groundwater standards. These included; 1,1,2-trichloroethane (TCA) (max. of 1.3 ppb), 1,2,3-trichloropropane (max. of 0.73 ppb), 1,2-dibromo-3-chloropropane (max. of 0.98 ppb), cis-1,3-dichloropropylene (max. of 0.41 ppb), hexachlorobutadiene (max. of 0.68 ppb), and trans-1,3-dichloropropylene (max. of 0.67 ppb).

Only trace levels of chlorinated solvents (PCE, TCE, TCA or carbon tetrachloride) were detected in the groundwater samples collected from the Site.

The following SVOCs were detected in the samples collected from the Site, and exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards: 1,2,4-trichlorobenzene (max. of 5.49 ppb), 1,2-dichlorobenzene (max. of 5.53 ppb), 1,3-dichlorobenzene (max. of 5.80 ppb), 1,4-dichlorobenzene (max. of 4.91 ppb), 2,4,5-trichlorophenol (max. of 4.24 ppb), 2,4,6-trichlorophenol (max. of 3.89 ppb), 2-chlorophenol (max. of 3.98 ppb), 2-methylphenol (max. of 2.58 ppb), 2-nitrophenol (max. of 5.24 ppb), 4-chloro-3-methylphenol (max. of 4.20 ppb), 4-chloroaniline (max. of 6.62 ppb), 4-nitroaniline (max. of 5.96 ppb), 4-nitrophenol (max. of 3.69 ppb), benzo(a)anthracene (max. of 2.91 ppb), benzo(a)pyrene (max. of 2.89 ppb), benzo(b)fluoranthene (max. of 3.13 ppb), benzo(k)fluoranthene (max. of 4.07 ppb), bis(2-chloroethyl)ether (max. of 6.64 ppb), bis(2-ethylhexyl)phthalate (max. of 10.6 ppb), chrysene (max. of 3.27 ppb), hexachlorobenzene (max. of 2.82 ppb), hexachlorobutadiene (max. of 6.20 ppb), hexachlorocyclopentadiene (max. of 5.62 ppb), hexachloroethane (max. of 6.76 ppb), indeno(1,2,3-cd)pyrene (max. of 3.78 ppb), nitrobenzene (max. of 3.76 ppb), pentachlorophenol (max. of 3.22 ppb), and phenol (max. of 2.44 ppb).

Groundwater samples were analyzed in their dissolved form, and the following metals were detected: Arsenic was detected in two of the four samples, at levels exceeding the New York State 6NYCRR Part 703.5 Class GA groundwater standards (max. of 32 ppb). Magnesium (max. of 36300 ppb), manganese (max. of 834 ppb), and selenium (max. of 18 ppb) were also detected in the samples at levels exceeding their respective New York State 6NYCRR Part 703.5 Class GA groundwater standards.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 2.0. Exceedances of applicable groundwater standards are shown.

Figure 3.0 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed a wide variety of VOCs at low concentrations, consisting mainly of BTEX and associated compounds at concentrations generally below 49 µg/m3. These compounds are most commonly associated with a spill of automotive fuel or heating oil. Chlorinated VOCs were detected at trace levels. PCE was detected at a maximum concentration of 7 $\mu g/m^3$ in one of five samples. TCA, TCE and vinyl chloride were not detected in any sample. The absence of MTBE in vapor suggests an older spill. Past uses of the property indicates former automotive fueling activities or other automotive fuel sources. Soil samples (both deep and shallow) contained only slightly elevated levels of VOCs in excess of NYSDEC Part 375 Unrestricted SCOs for unrestricted use. Groundwater also only contained slightly elevated levels of VOCs. Together, these observations suggest a possible offsite source area. While no standards exist for soil vapor, no compounds exceed the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Final October 2006). Based on the presence of VOCs the installation of a vapor barrier is warranted at this site.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 3.0.

Figure 3.0 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

Site-Specific Standards, Criteria and Guidance

- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- CP-51/Soil Cleanup Guidance
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (October 1994)
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- NYSDOH Indoor Air Sampling & Analysis Guidance (August 8, 2001 or subsequent update)
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (draft October 2004 or subsequent final draft)
- DER Interim Strategy for Groundwater Remediation at Contaminated Sites in New York State
- 6 NYCRR Part 612 - Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 - Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 - Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks

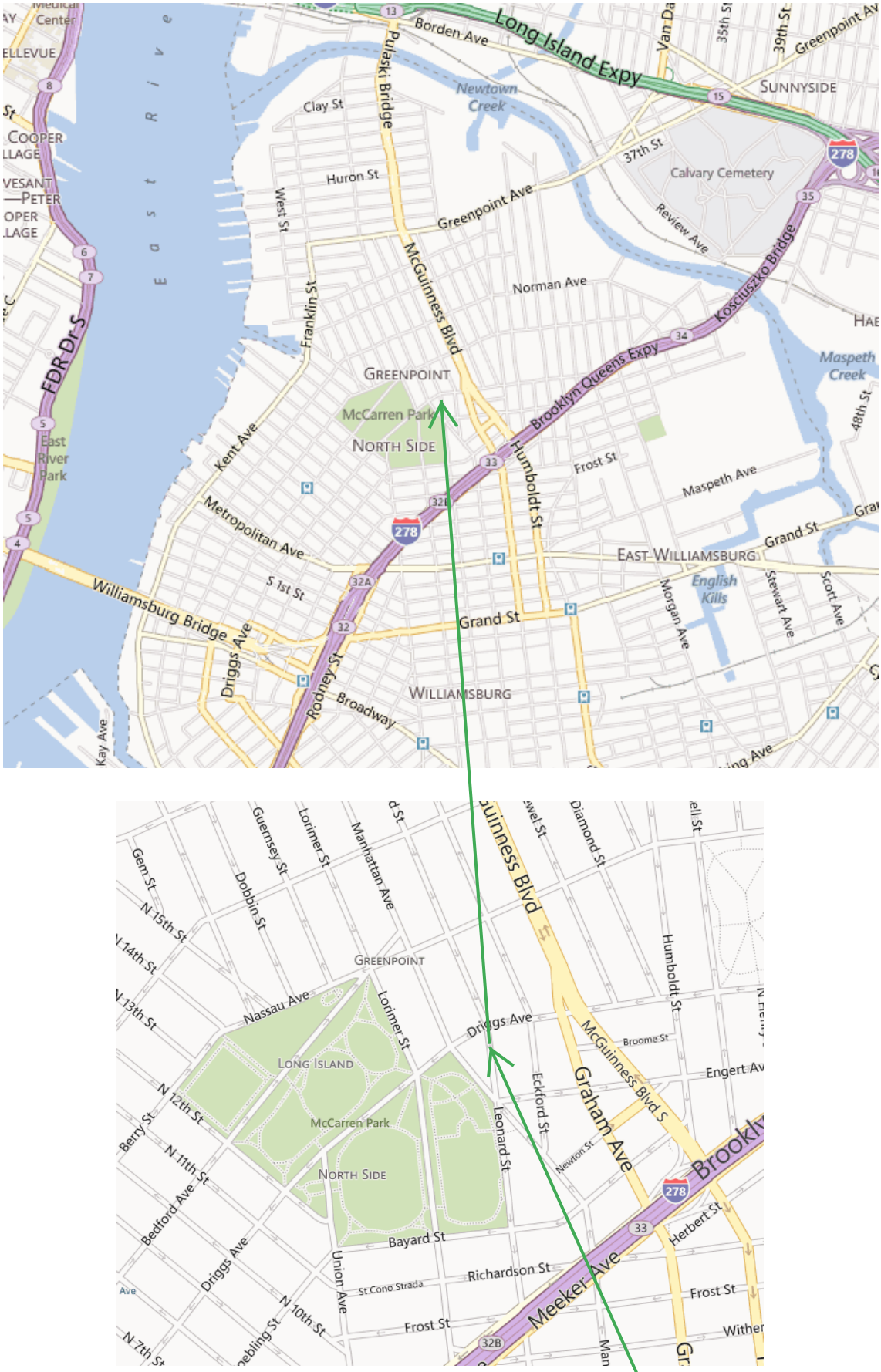


Figure 1.0 Site Location
501 Leonard Street
Brooklyn, New York

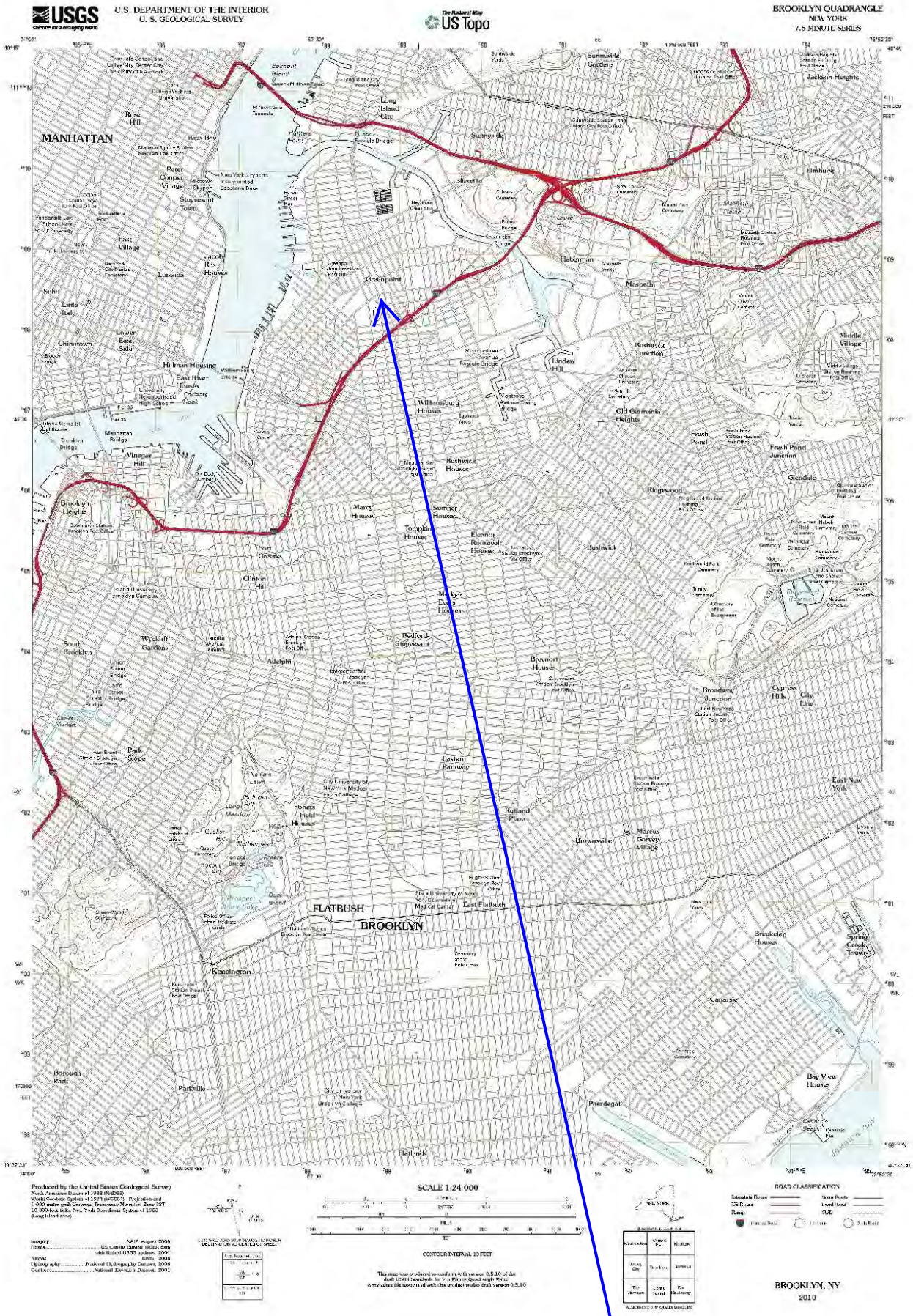
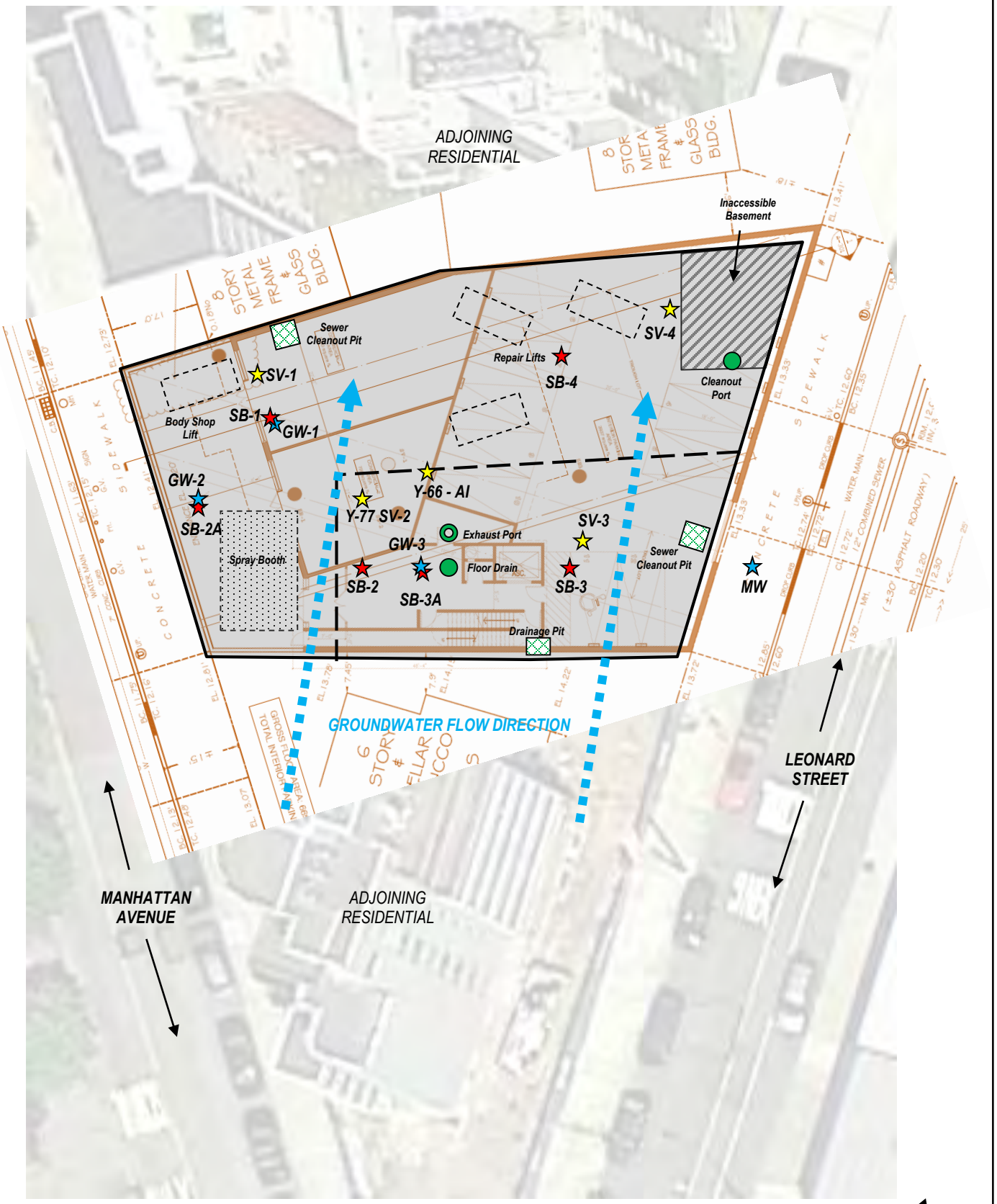


Figure 2.0 Current Topographic Map
501 Leonard Street
Brooklyn, New York



Laurel ENVIRONMENTAL ASSOCIATES, LTD.

53 West Hills Road, Suite 1
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FAX: 631-427-5323

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FIGURE 3.0
SITE SKETCH AND SAMPLE LOCATION MAP

501 LEONARD STREET
GREENPOINT
BROOKLYN, NEW YORK

PROJECT #: 12-361

DRAWING DATE: 1-4-2013

DRAWN BY: CJC

CHECKED BY: TJ

REVISED BY: SAT 2-19-13

N

NOT TO SCALE

LEA makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

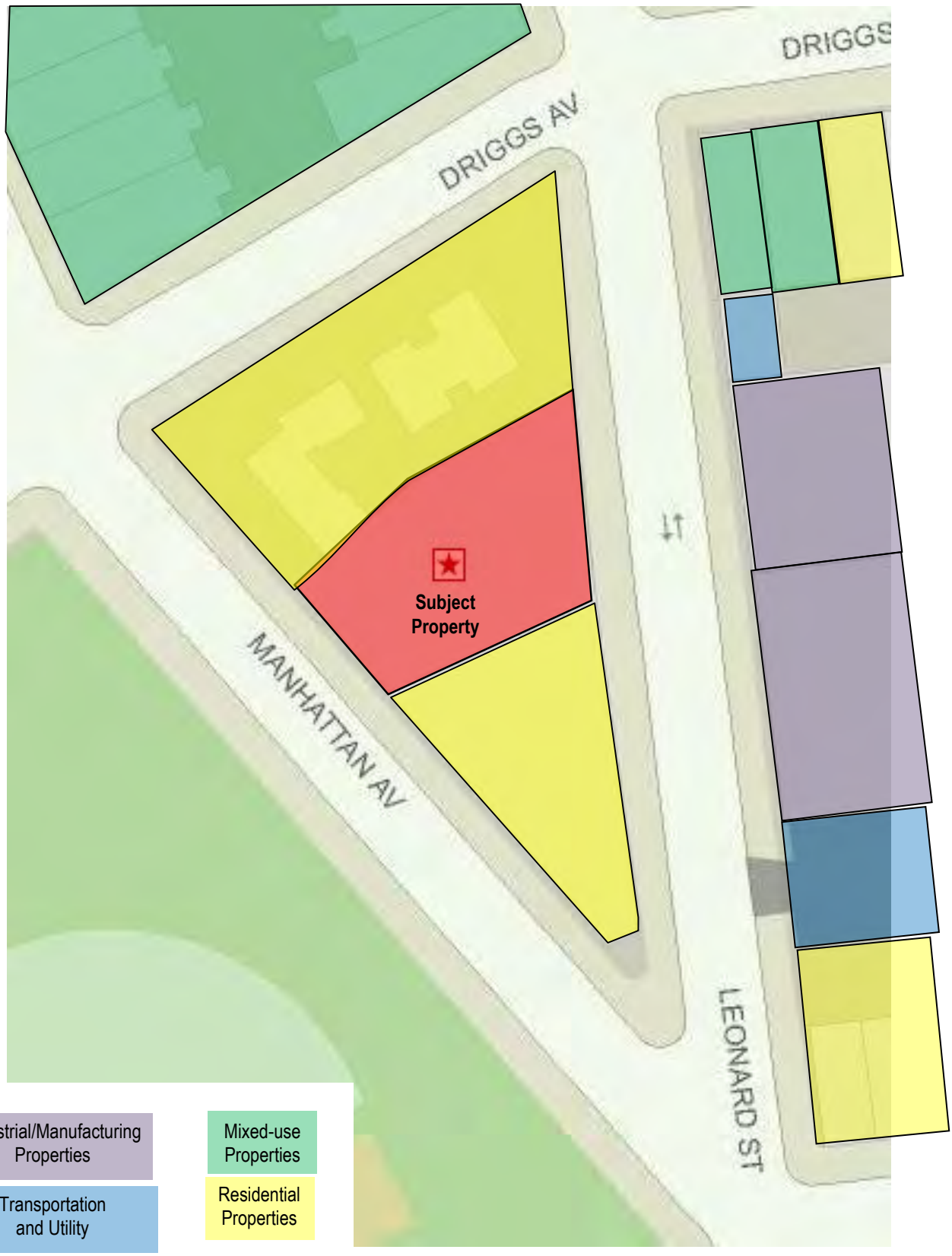

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FIGURE 4.0
MAP OF SURROUNDING PROPERTY USAGE

501 LEONARD STREET
BROOKLYN, NEW YORK

PROJECT #: 12-361

DRAWING DATE: 4-1-2013

DRAWN BY: CJC

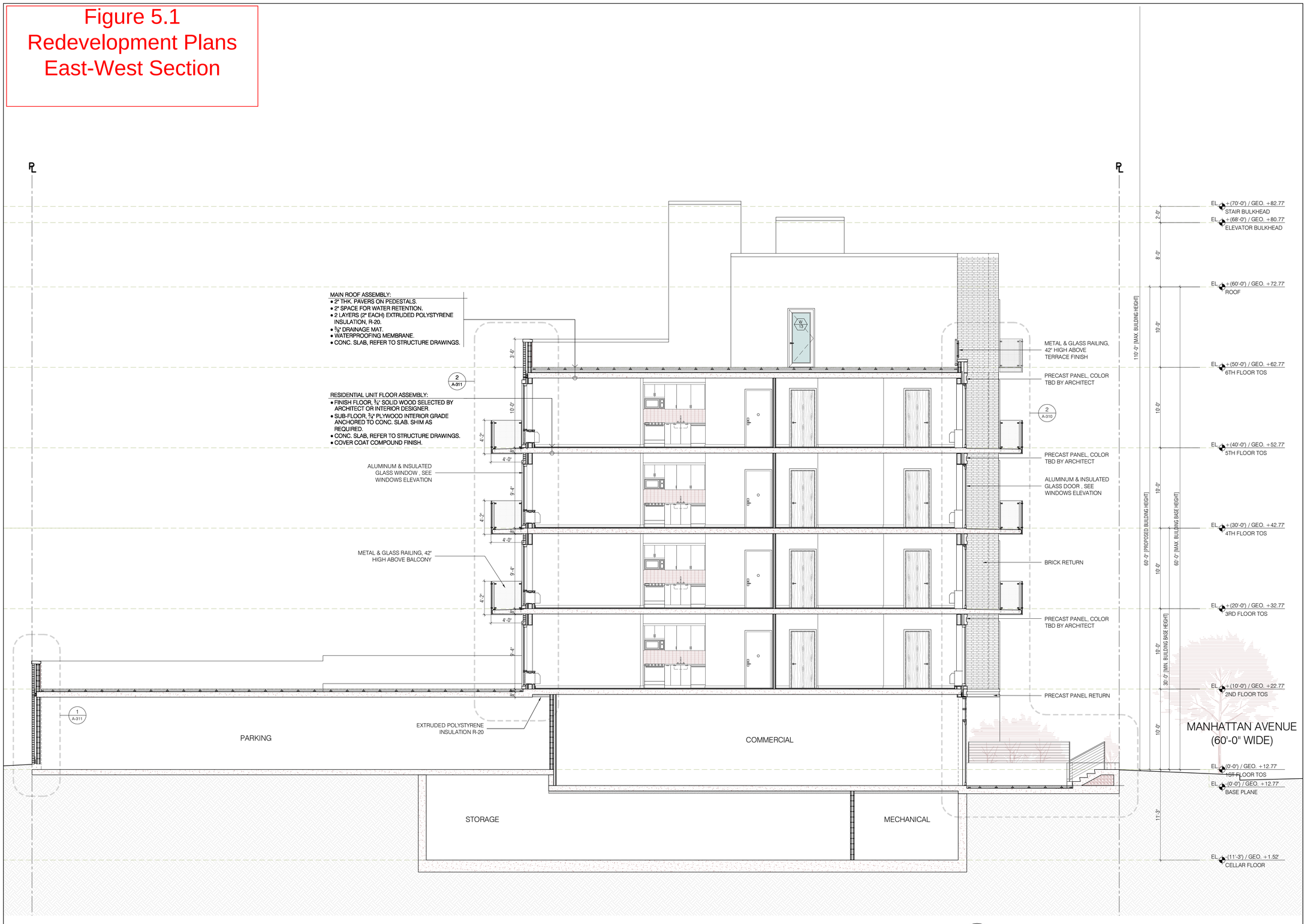
CHECKED BY: TJ

N

NOT TO SCALE

LEA makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

Figure 5.1
Redevelopment Plans
East-West Section



1 A-300.00 EAST-WEST SECTION
3/16" = 1'-0"

KEY PLAN

BLOCK 2697 LOT 7

issue	rev	date	description

ISSUES/REVISIONS

INTERIOR DESIGNER:

STRUCTURAL ENGINEER:

MEP ENGINEER:

CLIENT

KARL FISCHER ARCHITECT
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SEAL

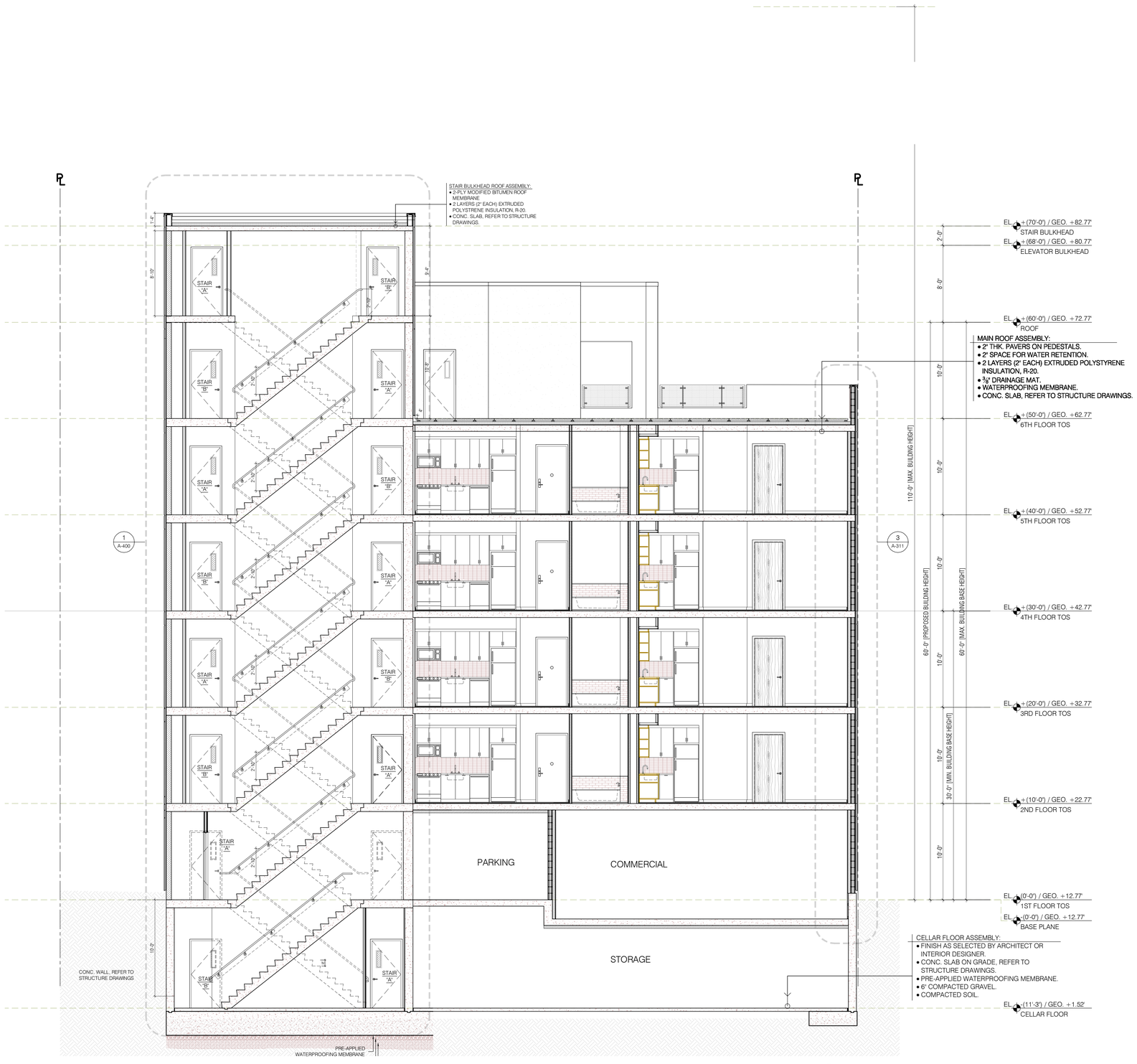
project title
MIXED-USE DEVELOPMENT
501 LEONARD STREET, BROOKLYN, NY 11222

drawing title
EAST-WEST BUILDING SECTION

dob no

scale 3/16" = 1'-0"	project no. 12-39
date DEC 2012	sheet no. ----
drawn	drawing no. A-300.00
checked KF	

Figure 5.2
Redevelopment Plans
West Elevation



1 A-301.00 WEST ELEVATION - MANHATTAN AVENUE
3/16" = 1'-0"

KEY PLAN

BLOCK 2697 LOT 7

issue	rev	date	description

ISSUES/REVISIONS

INTERIOR DESIGNER:

STRUCTURAL ENGINEER:

MEP ENGINEER:

CLIENT

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SEAL

project title
MIXED-USE DEVELOPMENT
501 LEONARD STREET, BROOKLYN, NY 11222

drawing title
SOUTH-NORTH BUILDING SECTION
MANHATTAN AVENUE

dob no

scale 3/16" = 1'-0"	project no. 12-39
date DEC 2012	sheet no. ----
drawn	drawing no.
checked KF	A-301.00

Table 1.0

Tabulated Soil Sample Analysis

	Cleanup Objectives				*Samples collected 12-13-12*							*Samples collected 3-5-13*							
SampleID	**Track 1 (Unrestricted)**	**Track 2 (Residential)**	**Track 3 (Restricted Residential)**	**Track 4 (Commercial)**	**SB-1 (0-2')**	**SB-1 (4-6')**	**SB-2 (0-2')**	**SB-2 (4-6')**	**SB-3 (0-2')**	**SB-3 (4-6')**	**DUP (0-2')**	**SB-2A (0-2')**	**SB-2A (5-7')**	**SB-3A (0-2')**	**SB-3A (5-7')**	**SB-4 (0-2')**	**SB-4 (5-7')**	**DUP (Soil)**	**Field Blank (soil)**
ClientMatrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Liquid**
RptUnits	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**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**	**ug/L**
Compound					**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organics, 8260 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	ug/L
1,1,1,2-Tetrachloroethane	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.32
1,1,1-Trichloroethane	0.68	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.23
1,1,2,2-Tetrachloroethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.59
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.34
1,1,2-Trichloroethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	1.3
1,1-Dichloroethane	0.27	19	26	240	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.42
1,1-Dichloroethylene	0.33	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.52
1,1-Dichloropropylene	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.26
1,2,3-Trichlorobenzene	~	~	~	~								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.99
1,2,3-Trichloropropane	~	~	~	~								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.73
1,2,4-Trichlorobenzene	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.91
1,2,4-Trimethylbenzene	3.6	47	52	190	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.41
1,2-Dibromo-3-chloropropane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.98
1,2-Dibromoethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.44
1,2-Dichlorobenzene	1.1	100	100	500	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.40
1,2-Dichloroethane	0.02	2.3	3.1	30	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.36
1,2-Dichloropropane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.23
1,3,5-Trimethylbenzene	8.4	47	52	190	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.48
1,3-Dichlorobenzene	2.4	17	49	280								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.47
1,3-Dichloropropane	~	~	~	~								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.55
1,4-Dichlorobenzene	1.8	9.8	13	130				Not Analyzed				0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.62
1,4-Dioxane	0.1	9.8	13	130								0.15	0.035	0.030	0.030	0.033	0.032	0.035	NA
2,2-Dichloropropane	~	~	~	~								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.42
2-Butanone	0.12	100	100	500	0.0061	0.057	0.0085	0.060	0.0063	0.010	0.0060	0.028	0.010	0.0072	0.0098	0.013	0.016	0.013	1.5
2-Chlorotoluene	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.43
4-Chlorotoluene	~	~	~	~								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.31
Acetone	0.05	100	100	500	0.042	0.20	0.037	0.27	0.024	0.052	0.034	0.085	0.062	0.057	0.060	0.070	0.089	0.072	6.1
Benzene	0.06	2.9	4.8	44	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.30
Bromobenzene	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	1.0
Bromochloromethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.54
Bromodichloromethane	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.41
Bromoform	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.58
Bromomethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	2.0
Carbon tetrachloride	0.76	1.4	2.4	22	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.56
Chlorobenzene	1.1	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.38
Chloroethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	2.8
Chloroform	0.37	10	49	350	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.42
Chloromethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.41
cis-1,2-Dichloroethylene	0.25	59	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.43
cis-1,3-Dichloropropylene	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.41
Dibromochloromethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.39
Dibromomethane	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.58
Dichlorodifluoromethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.35
Ethyl Benzene	1	30	41	390	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.25
Hexachlorobutadiene	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.68
Isopropylbenzene	~	~	~	~								0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.63
Methyl tert-butyl ether (MTBE)	0.93	62	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.53
Methylene chloride	0.05	51	100	500	0.0086	0.0071	0.0076	0.0094	0.0089	0.0063	0.0070	0.028	0.0066	0.0057	0.0057	0.0062	0.0061	0.0067	2.4
n-Butylbenzene	12	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.30

SampleID	Track 1 (Unrestricted)	Track 2 (Residential)	Track 3 (Restricted Residential)	Track 4 (Commercial)	SB-1 (0-2')	SB-1 (4-6')	SB-2 (0-2')	SB-2 (4-6')	SB-3 (0-2')	SB-3 (4-6')	DUP (0-2')	SB-2A (0-2')	SB-2A (5-7')	SB-3A (0-2')	SB-3A (5-7')	SB-4 (0-2')	SB-4 (5-7')	DUP (Soil)	Field Blank (soil)
ClientMatrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid
RptUnits	mg/Kg	mg/Kg	mg/Kg	mg/Kg	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	ug/L
Compound					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
n-Propylbenzene	3.9	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.54
Naphthalene	12	100	100	500	0.0061	0.0071	0.0058	0.017	0.0063	0.0056	0.0060	2.2	0.050	0.0057	0.0057	0.0062	0.0060	0.016	1.2
o-Xylene	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.21
p- & m- Xylenes	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.53
p-Isopropyltoluene	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.34
sec-Butylbenzene	11	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.59
Styrene	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.22
tert-Butylbenzene	5.9	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	1.4
Tetrachloroethylene	1.3	5.5	19	150	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.41
Toluene	0.7	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.17
trans-1,2-Dichloroethylene	0.19	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.52
trans-1,3-Dichloropropylene	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.67
Trichloroethylene	0.47	10	21	200	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.16
Trichlorofluoromethane	~	~	~	~	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.54
Vinyl acetate	~	~	~	~	Not Analyzed							0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.73
Vinyl Chloride	0.02	0.21	0.9	13	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.68
Xylenes, Total	1.6	100	100	500	0.0061	0.0071	0.0058	0.0067	0.0063	0.0056	0.0060	0.028	0.0066	0.0057	0.0057	0.0062	0.0060	0.0067	0.55
Semi-Volatiles, 8270 Target 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	ug/L
1,2,4-Trichlorobenzene	~	~	~	~	0.219	0.257	0.105	0.121	0.113	0.102	0.109	1.75	0.0800	0.0687	0.0695	0.0744	0.0722	0.121	5.49
1,2-Dichlorobenzene	1.1	100	100	500	0.396	0.464	0.190	0.219	0.204	0.185	0.197	3.16	0.145	0.124	0.126	0.134	0.130	0.219	5.53
1,3-Dichlorobenzene	2.4	17	49	280	0.191	0.224	0.0918	0.106	0.0986	0.0893	0.0951	1.53	0.0698	0.0600	0.0607	0.0650	0.0630	0.106	5.80
1,4-Dichlorobenzene	1.8	9.8	13	130	0.373	0.437	0.179	0.206	0.192	0.174	0.185	2.97	0.136	0.117	0.118	0.127	0.123	0.206	4.91
2,4,5-Trichlorophenol	~	~	~	~	Not Analyzed							3.75	0.171	0.147	0.149	0.160	0.155	0.260	4.24
2,4,6-Trichlorophenol	~	~	~	~								2.45	0.112	0.0965	0.0976	0.104	0.101	0.170	3.89
2,4-Dichlorophenol	~	~	~	~								3.94	0.180	0.155	0.157	0.168	0.163	0.273	4.20
2,4-Dimethylphenol	~	~	~	~								3.38	0.155	0.133	0.134	0.144	0.140	0.234	3.56
2,4-Dinitrophenol	~	~	~	~								4.05	0.186	0.159	0.161	0.173	0.168	0.281	5.00
2,4-Dinitrotoluene	~	~	~	~	0.268	0.313	0.128	0.148	0.138	0.125	0.133	2.13	0.0977	0.0839	0.0849	0.0909	0.0882	0.148	3.58
2,6-Dinitrotoluene	~	~	~	~	0.311	0.364	0.149	0.172	0.160	0.145	0.155	2.48	0.114	0.0976	0.0987	0.106	0.103	0.172	3.58
2-Chloronaphthalene	~	~	~	~	0.327	0.383	0.157	0.181	0.169	0.153	0.162	2.61	0.119	0.103	0.104	0.111	0.108	0.181	4.89
2-Chlorophenol	~	~	~	~	Not Analyzed							1.59	0.0729	0.0627	0.0634	0.0678	0.0658	0.110	3.98
2-Methylnaphthalene	~	~	~	~	0.465	0.545	0.231	0.257	0.240	0.217	0.231	3.71	0.170	0.146	0.147	0.158	0.153	0.257	6.13
2-Methylphenol	0.33	100	100	500	Not Analyzed							1.83	0.0840	0.0721	0.0730	0.0781	0.0758	0.127	2.58
2-Nitroaniline	~	~	~	~								4.21	0.193	0.166	0.167	0.179	0.174	0.292	3.73
2-Nitrophenol	~	~	~	~								1.31	0.0601	0.0516	0.0522	0.0559	0.0543	0.0910	5.24
3,3'-Dichlorobenzidine	~	~	~	~	0.317	0.372	0.152	0.176	0.164	0.148	0.158	2.53	0.116	0.0995	0.101	0.108	0.105	0.175	2.82
3- & 4-Methylphenols	~	~	~	~	Not Analyzed							2.09	0.0959	0.0824	0.0833	0.0892	0.0866	0.145	2.49
3-Nitroaniline	~	~	~	~	0.602	0.705	0.289	0.333	0.310	0.281	0.299	4.80	0.220	0.189	0.191	0.204	0.198	0.333	3.73
4,6-Dinitro-2-methylphenol	~	~	~	~	Not Analyzed							6.08	0.278	0.239	0.242	0.259	0.251	0.422	3.60
4-Bromophenyl phenyl ether	~	~	~	~	0.292	0.342	0.140	0.162	0.150	0.136	0.145	2.33	0.106	0.0915	0.0926	0.0991	0.0961	0.161	2.96
4-Chloro-3-methylphenol	~	~	~	~	0.408	0.478	0.196	0.226	0.210	0.190	0.203	3.25	0.149	0.128	0.129	0.139	0.134	0.226	4.20
4-Chloroaniline	~	~	~	~	0.157	0.184	0.0756	0.0871	0.0811	0.0734	0.0782	1.25	0.0574	0.0494	0.0499	0.0534	0.0519	0.0870	6.62
4-Chlorophenyl phenyl ether	~	~	~	~	0.355	0.416	0.170	0.196	0.183	0.166	0.176	2.83	0.129	0.111	0.113	0.120	0.117	0.196	5.44
4-Nitroaniline	~	~	~	~	0.251	0.294	0.120	0.139	0.129	0.117	0.125	2.00	0.0915	0.0786	0.0795	0.0851	0.0826	0.139	5.96
4-Nitrophenol	~	~	~	~	Not Analyzed							1.81	0.0831	0.0714	0.0722	0.0773	0.0750	0.126	3.69
Acenaphthene	98	100	100	500	0.219	0.257	0.664	0.161	0.113	0.102	0.310	5.09	0.276	0.0687	0.0695	0.0744	0.192	0.147	3.93
Acenaphthylene	107	100	100	500	0.291	0.340	0.140	0.161	0.150	0.136	0.144	2.32	0.106	0.0911	0.0922	0.0987	0.0957	0.161	3.87
Aniline	~	~	~	~	0.346	0.406	0.166	0.192	0.179	0.162	0.172	2.76	0.126	0.109	0.110	0.118	0.114	0.191	3.33
Anthracene	1000	100	100	500	0.331	0.387	1.89	0.183	0.198	0.154	0.765	9.89	0.696	0.104	0.109	0.128	0.487	0.305	2.64
Benzo(a)anthracene	1	1	1	5.6	0.540	0.566	3.22	0.178	0.492	0.116	1.95	13.9	0.775	0.301	0.149	0.113	0.753	0.406	2.91
Benzo(a)pyrene	22	1	1	1	0.630	0.549	1.94	0.133	0.391	0.112	1.25	17.8	0.886	0.362	0.139	0.125	0.610	0.653	2.89
Benzo(b)fluoranthene	1.7	1	1	5.6	0.508	0.594	1.74	0.281	0.329	0.237	0.916	12.0	0.760	0.305	0.177	0.172	0.548	0.448	3.13
Benzo(g,h,i)perylene	1000	100	100	500	0.281	0.235	0.277	0.111	0.104	0.0938	0.198	10.6	0.0844	0.0630	0.0638	0.0682	0.0662	0.400	3.80
Benzo(k)fluoranthene	1.7	1	3.9	56	0.606	0.709	1.65	0.335	0.371	0.282	1.12	11.8	0.857	0.252	0.237	0.206	0.649	0.382	4.07

SampleID	Track 1 (Unrestricted)	Track 2 (Residential)	Track 3 (Restricted Residential)	Track 4 (Commercial)	SB-1 (0-2')	SB-1 (4-6')	SB-2 (0-2')	SB-2 (4-6')	SB-3 (0-2')	SB-3 (4-6')	DUP (0-2')	SB-2A (0-2')	SB-2A (5-7')	SB-3A (0-2')	SB-3A (5-7')	SB-4 (0-2')	SB-4 (5-7')	DUP (Soil)	Field Blank (soil)
ClientMatrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid
RptUnits	mg/Kg	mg/Kg	mg/Kg	mg/Kg	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	ug/L
Compound					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Benzyl alcohol	~	~	~	~	Not Analyzed							4.83	0.221	0.190	0.192	0.206	0.199	0.335	3.22
Benzyl butyl phthalate	~	~	~	~	0.334	0.391	0.160	0.185	0.172	0.156	0.166	2.66	0.122	0.105	0.106	0.113	0.110	0.185	1.89
Bis(2-chloroethoxy)methane	~	~	~	~	0.208	0.244	0.100	0.115	0.107	0.0972	0.103	1.66	0.0760	0.0653	0.0661	0.0707	0.0686	0.115	3.93
Bis(2-chloroethyl)ether	~	~	~	~	0.309	0.362	0.148	0.171	0.159	0.144	0.153	2.46	0.113	0.0968	0.0979	0.105	0.102	0.171	3.33
Bis(2-chloroisopropyl)ether	~	~	~	~	0.213	0.250	0.102	0.118	0.110	0.0994	0.106	1.70	0.0778	0.0668	0.0676	0.0724	0.0702	0.118	6.64
Bis(2-ethylhexyl)phthalate	~	~	~	~	0.418	0.489	0.201	0.231	0.215	0.195	0.208	3.33	0.230	0.278	0.133	0.190	0.138	0.231	26.9
Chrysene	1	1	3.9	56	0.719	0.695	3.19	0.223	0.622	0.155	2.19	14.3	0.741	0.328	0.194	0.124	0.716	0.453	3.27
Di-n-butyl phthalate	~	~	~	~	0.246	0.288	0.118	0.136	0.127	0.115	0.122	1.96	0.0897	0.0771	0.0780	0.0835	0.0810	0.136	4.56
Di-n-octyl phthalate	~	~	~	~	0.606	0.709	0.291	0.335	0.312	0.282	0.301	4.83	0.221	0.190	0.192	0.206	0.199	0.335	2.49
Dibenzo(a,h)anthracene	1000	0.33	0.33	0.56	0.243	0.285	0.117	0.135	0.125	0.114	0.121	4.13	0.0888	0.0763	0.0772	0.0826	0.0802	0.135	3.47
Dibenzofuran	210	14	59	350	0.282	0.330	0.456	0.156	0.145	0.132	0.167	2.25	0.275	0.0885	0.0895	0.0958	0.116	0.156	5.36
Diethyl phthalate	~	~	~	~	0.380	0.445	0.183	0.210	0.196	0.177	0.189	3.03	0.139	0.119	0.121	0.129	0.125	0.210	5.69
Dimethyl phthalate	~	~	~	~	0.270	0.316	0.130	0.149	0.139	0.126	0.134	2.15	0.0985	0.0847	0.0856	0.0917	0.0890	0.149	4.24
Fluoranthene	1000	100	100	500	1.29	1.35	8.28	0.511	1.14	0.254	5.42	45.7	2.09	0.442	0.207	0.183	1.52	1.15	2.76
Fluorene	386	100	100	500	0.291	0.340	0.596	0.161	0.150	0.136	0.241	6.02	0.469	0.0911	0.0922	0.0987	0.249	0.175	4.07
Hexachlorobenzene	3.2	0.33	1.2	6	0.357	0.418	0.171	0.198	0.184	0.167	0.178	2.85	0.130	0.112	0.113	0.121	0.118	0.197	2.82
Hexachlorobutadiene	~	~	~	~	0.205	0.240	0.0982	0.113	0.105	0.0955	0.102	1.63	0.0747	0.0642	0.0649	0.0695	0.0674	0.113	6.20
Hexachlorocyclopentadiene	~	~	~	~	0.451	0.528	0.216	0.249	0.232	0.210	0.224	3.59	0.164	0.141	0.143	0.153	0.148	0.249	5.62
Hexachloroethane	~	~	~	~	0.173	0.203	0.0831	0.0959	0.0893	0.0808	0.0860	1.38	0.0632	0.0543	0.0549	0.0588	0.0570	0.0957	6.76
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	5.6	0.282	0.323	0.350	0.153	0.142	0.129	0.253	9.96	0.126	0.0866	0.0876	0.0937	0.0910	0.315	3.78
Isophorone	~	~	~	~	0.208	0.244	0.100	0.115	0.107	0.0972	0.103	1.66	0.0760	0.0653	0.0661	0.0707	0.0686	0.115	5.96
N-nitroso-di-n-propylamine	~	~	~	~	0.202	0.237	0.0971	0.112	0.104	0.0943	0.100	1.61	0.0738	0.0634	0.0641	0.0687	0.0666	0.112	5.69
N-Nitrosodimethylamine	~	~	~	~	0.248	0.291	0.119	0.137	0.128	0.116	0.123	1.98	0.0906	0.0778	0.0787	0.0843	0.0818	0.137	0.864
N-Nitrosodiphenylamine	~	~	~	~	0.274	0.320	0.131	0.151	0.141	0.128	0.136	2.18	0.0999	0.0858	0.0868	0.0929	0.0902	0.151	11.1
Naphthalene	12	100	100	500	0.332	0.292	0.528	0.353	0.0768	0.230	0.122	5.14	0.227	0.0467	0.0472	0.0506	0.0491	0.249	4.42
Nitrobenzene	~	~	~	~	0.178	0.208	0.0854	0.0985	0.0918	0.0830	0.0885	1.42	0.0650	0.0558	0.0565	0.0604	0.0586	0.278	3.76
Pentachlorophenol	0.8	2.4	6.7	6.7	Not Analyzed							3.64	0.167	0.143	0.145	0.155	0.150	0.252	3.22
Phenanthrene	1000	100	100	500	1.24	1.13	7.70	0.413	0.786	0.376	3.92	60.1	2.65	0.279	0.100	0.133	1.57	1.37	3.04
Phenol	0.33	100	100	500	Not Analyzed							2.09	0.0955	0.0820	0.0830	0.0888	0.0862	0.145	2.44
Pyrene	1000	100	100	500	1.16	1.26	7.93	0.505	1.08	0.260	5.18	38.8	1.81	0.527	0.283	0.243	1.48	1.07	3.84
Pyridine	~	~	~	~	0.425	0.498	0.204	0.235	0.219	0.198	0.211	3.39	0.155	0.133	0.135	0.144	0.140	0.235	8.69
Pesticides/PCBs, EPA 8081/8082 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	ug/L
4,4'-DDD	14	2.6	13	92	Not Analyzed							0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
4,4'-DDE	17	1.8	8.9	62								0.0156	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
4,4'-DDT	136	1.7	7.9	47								0.00675	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Aldrin	0.19	0.019	0.097	0.68								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
alpha-BHC	0.02	0.097	0.48	3.4								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Aroclor 1016	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
Aroclor 1221	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
Aroclor 1232	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
Aroclor 1242	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
Aroclor 1248	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
Aroclor 1254	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
Aroclor 1260	~	~	~	~	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.197	0.0225	0.0194	0.0196	0.0210	0.0203	0.0228	0.100
beta-BHC	0.09	0.072	0.36	3	Not Analyzed							0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Chlordane, total	~	~	~	~								0.00765	0.00875	0.00752	0.00760	0.00814	0.00790	0.00883	0.00800
delta-BHC	0.25	100	100	500								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Dieldrin	0.1	0.039	0.2	1.4								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Endosulfan I	102	4.8	24	200								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Endosulfan II	102	4.8	24	200								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Endosulfan sulfate	1000	4.8	24	200								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Endrin	0.06	2.2	11	89								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Endrin aldehyde	~	~	~	~								0.00821	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Endrin ketone	~	~	~	~								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200

SampleID	Track 1 (Unrestricted)	Track 2 (Residential)	Track 3 (Restricted Residential)	Track 4 (Commercial)	SB-1 (0-2')	SB-1 (4-6')	SB-2 (0-2')	SB-2 (4-6')	SB-3 (0-2')	SB-3 (4-6')	DUP (0-2')	SB-2A (0-2')	SB-2A (5-7')	SB-3A (0-2')	SB-3A (5-7')	SB-4 (0-2')	SB-4 (5-7')	DUP (Soil)	Field Blank (soil)
ClientMatrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Liquid
RptUnits	mg/Kg	mg/Kg	mg/Kg	mg/Kg	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	ug/L
Compound					**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
gamma-BHC (Lindane)	0.1	0.28	1.3	9.2								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Heptachlor	0.38	0.42	2.1	15								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Heptachlor epoxide	~	~	~	~								0.00191	0.00219	0.00188	0.00190	0.00203	0.00197	0.00221	0.00200
Methoxychlor	~	~	~	~								0.00956	0.0109	0.00940	0.00951	0.0102	0.00987	0.0110	0.0100
Total PCBs	3.2	1	1	1	0.0206	0.0241	0.0198	0.0228	0.0212	0.0192	0.0205	0.0788	0.00901	0.00775	0.00784	0.00839	0.00814	0.00910	0.100
Toxaphene	~	~	~	~	Not Analyzed							0.0967	0.111	0.0951	0.0962	0.103	0.0999	0.112	0.100
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	ug/L
Aluminum	~	~	~	~	4780	3770	3730	4040	5860	6080	5270	3510	3780	5060	3040	4470	3030	7520	10
Antimony	~	~	~	~	1.49	2.34	0.808	0.958	0.900	0.249	1.11	0.682	0.292	0.251	0.950	0.271	0.263	0.294	3
Arsenic	16	16	16	16	15.2	20.7	7.91	20.9	22.2	5.08	23.1	7.50	9.71	17.5	24.5	14.8	5.97	4.84	4
Barium	820	350	400	400	130	309	116	323	246	194	291	149	142	121	231	271	72.7	104	2
Beryllium	47	14	72	590	0.121	0.142	0.116	0.134	0.125	0.113	0.120	0.116	0.133	0.114	0.115	0.123	0.120	0.134	1
Cadmium	7.5	2.5	4.3	9.3	5.59	0.142	0.116	0.134	0.125	0.113	0.120	0.116	0.133	0.114	0.115	0.123	0.120	0.134	2
Calcium	~	~	~	~	15400	10300	12700	47400	11800	1760	16100	12800	18100	18400	7250	14700	6320	9970	19
Chromium	~	~	~	~	15.1	20.8	13.4	23.8	16.6	23.1	20.5	13.1	18.8	13.7	10.2	13.3	9.11	13.3	2
Cobalt	~	~	~	~	6.70	7.07	4.60	6.33	7.54	4.73	6.58	6.35	6.42	6.83	5.63	9.63	4.46	6.37	2
Copper	1720	270	270	270	250	130	100	887	113	27.1	100	177	94.1	503	131	484	65.3	57.5	2
Iron	~	~	~	~	20100	15300	14900	46700	17600	16300	20000	18300	12000	21500	13200	21100	13100	20100	20
Lead	450	400	400	1000	375	1430	464	5790	831	448	976	992	838	332	1070	557	269	341	2
Magnesium	~	~	~	~	1810	1040	1550	1820	1240	1230	1900	2110	1410	1580	601	837	1190	1860	10
Manganese	2000	2000	2000	10000	277	136	197	328	174	216	282	198	201	410	162	363	198	382	2
Nickel	130	140	310	310	21.0	19.4	19.4	26.6	21.9	13.1	24.4	19.5	17.2	27.2	14.8	27.8	12.1	15.2	1
Potassium	~	~	~	~	1040	666	1000	786	839	696	923	774	661	1050	469	746	612	1070	26
Selenium	4	36	180	1500	1.96	3.29	2.09	2.27	3.41	1.55	2.88	2.81	2.70	2.92	11.3	4.55	2.16	2.58	7
Silver	8.3	36	180	1500	0.121	0.142	0.116	0.134	0.125	0.113	0.120	0.116	0.133	10.3	0.115	0.123	0.120	0.134	2
Sodium	~	~	~	~	473	326	327	537	667	152	582	384	477	440	366	358	351	244	154
Thallium	~	~	~	~	0.388	0.454	0.372	0.429	0.399	0.362	0.385	0.371	0.424	0.365	0.369	0.395	0.383	0.428	3
Vanadium	~	~	~	~	21.7	20.1	13.1	16.9	25.8	19.0	21.5	14.4	21.3	21.9	18.8	30.8	13.7	21.9	2
Zinc	2480	2200	10000	10000	316	245	179	362	319	51.0	293	470	230	804	664	346	140	83.3	2
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	ug/L
Mercury	0.73	0.81	0.81	2.8	0.114	0.133	0.109	0.126	0.117	0.106	0.113	0.556	0.650	0.615	0.611	0.617	0.610	0.616	0.04
Total Solids	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ug/L
% Solids	~	~	~	~	82.6	70.5	86.0	74.6	80.1	88.5	83.1	86.3	75.4	87.8	86.8	81.1	83.6	74.7	NT

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

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

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

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

Table 2.0						
Tabulated Groundwater Analysis						
		Samples collected 3-5-13				
SampleID	**NYSDEC TOGS Standards and Guidance Values - GA**	**MW**	**GW-1**	**GW-2**	**GW-3**	**DUP (GW)**
ClientMatrix	**Water**	**Water**	**Water**	**Water**	**Water**	**Water**
RptUnits	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Compound		**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organics, 8260 List	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1,2-Tetrachloroethane	5	NT	<0.32	<0.32	<0.32	<0.32
1,1,1-Trichloroethane	5	<2.3	<0.23	<0.23	<0.23	<0.23
1,1,2,2-Tetrachloroethane	5	<5.9	<0.59	<0.59	<0.59	<0.59
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon	5	<3.4	<0.34	<0.34	<0.34	<0.34
1,1,2-Trichloroethane	1	<13	<1.3	<1.4	<1.5	<1.6
1,1-Dichloroethane	5	<4.2	<0.42	<0.42	<0.42	<0.42
1,1-Dichloroethylene	5	<5.2	<0.52	<0.52	<0.52	<0.52
1,1-Dichloropropylene	5	<2.6	<0.26	<0.26	<0.26	<0.26
1,2,3-Trichlorobenzene	5	<9.9	<0.99	<0.99	<0.99	<0.99
1,2,3-Trichloropropane	0.04	<7.3	<0.73	<0.73	<0.73	<0.73
1,2,4-Trichlorobenzene	5	<9.1	<0.91	<0.91	<0.91	<0.91
1,2,4-Trimethylbenzene	5	<4.1	<0.41	<0.41	<0.41	<0.41
1,2-Dibromo-3-chloropropane	0.04	<9.8	<0.98	<0.98	<0.98	<0.98
1,2-Dibromoethane	5	<4.4	<0.44	<0.44	<0.44	<0.44
1,2-Dichlorobenzene	3	<4.0	<0.40	<0.40	<0.40	<0.40
1,2-Dichloroethane	0.6	<3.6	<0.36	<0.36	<0.36	<0.36
1,2-Dichloropropane	1	<2.3	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	5	<4.8	<0.48	<0.48	<0.48	<0.48
1,3-Dichlorobenzene	3	<4.7	<0.47	<0.47	<0.47	<0.47
1,3-Dichloropropane	5	<5.5	<0.55	<0.55	<0.55	<0.55
1,4-Dichlorobenzene	3	<6.2	<0.62	<0.62	<0.62	<0.62
2,2-Dichloropropane	5	<4.2	<0.42	<0.42	<0.42	<0.42
2-Butanone	50	<15	<1.5	<1.6	<1.7	<1.8
2-Chlorotoluene	5	<4.3	<0.43	<0.43	<0.43	<0.43
4-Chlorotoluene	5	<3.1	<0.31	<0.31	<0.31	<0.31
Acetone	50	<61	<6.1	<6.2	<6.3	<6.4
Benzene	1	<3.0	<0.30	<0.31	<0.32	<0.33
Bromobenzene	5	<10	<1.0	<1.1	<1.2	<1.3
Bromochloromethane	5	<5.4	<0.54	<0.54	<0.54	<0.54
Bromodichloromethane	50	<4.1	<0.41	<0.41	<0.41	<0.41
Bromoform	50	<5.8	<0.58	<0.58	<0.58	<0.58
Bromomethane	5	<20	<2.0	<2.1	<2.2	<2.3
Carbon tetrachloride	5	<5.6	<0.56	<0.56	<0.56	<0.56
Chlorobenzene	5	<3.8	<0.38	<0.38	<0.38	<0.38
Chloroethane	5	<28	<2.8	<2.9	<2.10	<2.11
Chloroform	7	<4.2	<0.42	<0.42	<0.42	<0.42
Chloromethane	5	<4.1	<0.41	<0.41	<0.41	<0.41
cis-1,2-Dichloroethylene	5	<12	**1.2**	<1.3	<1.4	<1.5
cis-1,3-Dichloropropylene	0.4	<4.1	<0.41	<0.41	<0.41	<0.41
Dibromochloromethane	50	<3.9	<0.39	<0.39	<0.39	<0.39
Dibromomethane	~	<5.8	<0.58	<0.58	<0.58	<0.58

501 Leonard Street, Brooklyn, New York

SampleID ClientMatrix RptUnits	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW Water ug/L	GW-1 Water ug/L	GW-2 Water ug/L	GW-3 Water ug/L	DUP (GW) Water ug/L
Compound		**Result**	**Result**	**Result**	**Result**	**Result**
Dichlorodifluoromethane	5	<3.5	<0.35	<0.35	<0.35	<0.35
Ethyl Benzene	5	<2.5	<0.25	<0.25	<0.25	<0.25
Hexachlorobutadiene	0.5	<6.8	<0.68	<0.68	<0.68	<0.68
Isopropylbenzene	5	<6.3	<0.63	<0.63	<0.63	<0.63
Methyl tert-butyl ether (MTBE)	10	<5.3	<0.53	<0.53	**2.1**	<0.53
Methylene chloride	5	<24	<2.4	<2.5	<2.6	<2.7
n-Butylbenzene	5	<3.0	<0.30	<0.30	<0.30	<0.30
n-Propylbenzene	5	<5.4	<0.54	<0.54	<0.54	<0.54
Naphthalene	10	<12	<1.2	**4.5**	<1.4	<1.5
o-Xylene	5	<2.1	<0.21	<0.21	<0.21	<0.21
p- & m- Xylenes	5	<5.3	<0.53	<0.53	<0.53	<0.53
p-Isopropyltoluene	5	<3.4	<0.34	<0.34	<0.34	<0.34
sec-Butylbenzene	5	<5.9	<0.59	<0.59	<0.59	<0.59
Styrene	5	<2.2	<0.22	<0.22	<0.22	<0.22
tert-Butylbenzene	5	<14	<1.4	<1.5	<1.6	<1.7
Tetrachloroethylene	5	<4.1	<0.41	<0.41	<0.41	<0.41
Toluene	5	<1.7	<0.17	<0.17	<0.17	<0.17
trans-1,2-Dichloroethylene	5	<5.2	<0.52	<0.52	<0.52	<0.52
trans-1,3-Dichloropropylene	0.4	<6.7	<0.67	<0.67	<0.67	<0.67
Trichloroethylene	5	<1.6	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	5	<5.4	<0.54	<0.54	<0.54	<0.54
Vinyl acetate	~	<7.3	<0.73	<0.73	<0.73	<0.73
Vinyl Chloride	2	<6.8	<0.68	<0.68	<0.68	<0.68
Xylenes, Total	5	<5.5	<0.55	<0.55	<0.55	<0.55
Semi-Volatiles, 8270 Target List	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,2,4-Trichlorobenzene	5	NT	<5.49	<2.91	<2.67	<2.60
1,2-Dichlorobenzene	3	<4.33	<5.53	<2.93	<2.69	<2.62
1,3-Dichlorobenzene	3	<4.54	<5.80	<3.07	<2.82	<2.75
1,4-Dichlorobenzene	3	<3.84	<4.91	<2.60	<2.39	<2.33
2,4,5-Trichlorophenol	1	NT	<4.24	<2.25	<2.06	<2.01
2,4,6-Trichlorophenol	1	NT	<3.89	<2.06	<1.89	<1.84
2,4-Dichlorophenol	5	NT	<4.20	<2.22	<2.04	<1.99
2,4-Dimethylphenol	50	NT	<3.56	<1.88	<1.73	<1.68
2,4-Dinitrophenol	10	NT	<5.00	<2.65	<2.43	<2.37
2,4-Dinitrotoluene	5	<2.80	<3.58	<1.89	<1.74	<1.69
2,6-Dinitrotoluene	5	<2.80	<3.58	<1.89	<1.74	<1.69
2-Chloronaphthalene	10	<3.83	<4.89	<2.59	<2.38	<2.32
2-Chlorophenol	1	NT	<3.98	<2.11	<1.94	<1.88
2-Methylnaphthalene	~	<4.80	<6.13	<3.25	<2.98	<2.91
2-Methylphenol	1	NT	<2.58	<1.36	<1.25	<1.22
2-Nitroaniline	5	<2.92	<3.73	<1.98	<1.82	<1.77
2-Nitrophenol	1	NT	<5.24	<2.78	<2.55	<2.48
3,3'-Dichlorobenzidine	5	<2.21	<2.82	<1.49	<1.37	<1.34
3- & 4-Methylphenols	~	NT	<2.49	<1.32	<1.21	<1.18
3-Nitroaniline	5	<2.92	<3.73	<1.98	<1.82	<1.77
4,6-Dinitro-2-methylphenol	~	NT	<3.60	<1.91	<1.75	<1.71

501 Leonard Street, Brooklyn, New York

SampleID ClientMatrix RptUnits	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW Water ug/L	GW-1 Water ug/L	GW-2 Water ug/L	GW-3 Water ug/L	DUP (GW) Water ug/L
Compound		Result	Result	Result	Result	Result
4-Bromophenyl phenyl ether	~	<2.31	<2.96	<1.56	<1.44	<1.40
4-Chloro-3-methylphenol	1	NT	<4.20	<2.22	<2.04	<1.99
4-Chloroaniline	5	<5.18	<6.62	<3.51	<3.22	<3.14
4-Chlorophenyl phenyl ether	~	<4.26	<5.44	<2.88	<2.65	<2.58
4-Nitroaniline	5	<4.66	<5.96	<3.15	<2.90	<2.82
4-Nitrophenol	1	NT	<3.69	<1.95	<1.79	<1.75
Acenaphthene	20	<3.08	<3.93	<2.08	<1.91	<1.86
Acenaphthylene	~	<3.03	<3.87	<2.05	<1.88	<1.83
Aniline	5	<2.61	<3.33	<1.76	<1.62	<1.58
Anthracene	50	<2.07	<2.64	<1.40	<1.29	<1.25
Benzo(a)anthracene	0.002	<2.28	<2.91	<1.54	<1.42	<1.38
Benzo(a)pyrene	0.002	<2.26	<2.89	<1.53	<1.41	<1.37
Benzo(b)fluoranthene	0.002	<2.45	<3.13	<1.66	<1.52	<1.48
Benzo(g,h,i)perylene	~	<2.97	<3.80	<2.01	<1.85	<1.80
Benzo(k)fluoranthene	0.002	<3.18	<4.07	<2.15	<1.98	<1.93
Benzyl alcohol	~	NT	<3.22	<1.71	<1.57	<1.53
Benzyl butyl phthalate	50	<1.48	<1.89	<1.00	<0.921	<0.897
Bis(2-chloroethoxy)methane	5	<3.08	<3.93	<2.08	<1.91	<1.86
Bis(2-chloroethyl)ether	1	<2.61	<3.33	<1.76	<1.62	<1.58
Bis(2-chloroisopropyl)ether	5	<5.20	<6.64	<3.52	<3.23	<3.15
Bis(2-ethylhexyl)phthalate	5	<8.31	<10.6	<5.62	<5.17	**26.9**
Chrysene	0.002	<2.56	<3.27	<1.73	<1.59	<1.55
Di-n-butyl phthalate	50	<3.57	<4.56	<2.41	<2.22	<2.16
Di-n-octyl phthalate	50	<1.95	<2.49	<1.32	<1.21	<1.18
Dibenzo(a,h)anthracene	~	<2.71	<3.47	<1.84	<1.69	<1.64
Dibenzofuran	~	<4.19	<5.36	<2.84	<2.61	<2.54
Diethyl phthalate	50	<4.45	<5.69	<3.01	<2.77	<2.69
Dimethyl phthalate	50	<3.32	<4.24	<2.25	<2.06	<2.01
Fluoranthene	50	<2.16	<2.76	<1.46	<1.34	<1.31
Fluorene	50	3.63	<4.07	<2.15	<1.98	<1.93
Hexachlorobenzene	0.04	<2.21	<2.82	<1.49	<1.37	<1.34
Hexachlorobutadiene	0.5	<4.85	<6.20	<3.28	<3.02	<2.94
Hexachlorocyclopentadiene	5	<4.40	<5.62	<2.98	<2.74	<2.66
Hexachloroethane	5	<5.29	<6.76	<3.58	<3.29	<3.20
Indeno(1,2,3-cd)pyrene	0.002	<2.96	<3.78	<2.00	<1.84	<1.79
Isophorone	50	<4.66	<5.96	<3.15	<2.90	<2.82
N-nitroso-di-n-propylamine	~	<4.45	<5.69	<3.01	<2.77	<2.69
N-Nitrosodimethylamine	~	<0.677	<0.864	<0.458	<0.421	<0.409
N-Nitrosodiphenylamine	50	<8.70	<11.1	<5.88	<5.41	<5.26
Naphthalene	10	11.4	<4.42	**3.21**	<2.15	<2.09
Nitrobenzene	0.4	<2.94	<3.76	<1.99	<1.83	<1.78
Pentachlorophenol	1	NT	<3.22	<1.71	<1.57	<1.53
Phenanthrene	50	7.22	<3.04	**1.81**	<1.48	<1.44
Phenol	1	NT	<2.44	<1.29	<1.19	<1.16
Pyrene	50	<3.01	<3.84	<2.04	<1.87	<1.82
Pyridine	50	NT	<8.69	<4.60	<4.23	<4.12

501 Leonard Street, Brooklyn, New York

SampleID ClientMatrix RptUnits	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW Water ug/L	GW-1 Water ug/L	GW-2 Water ug/L	GW-3 Water ug/L	DUP (GW) Water ug/L
Compound		**Result**	**Result**	**Result**	**Result**	**Result**
Pesticides/PCBs, EPA 8081/8082 List	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
4,4'-DDD	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
4,4'-DDE	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
4,4'-DDT	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Aldrin	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
alpha-BHC	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Aroclor 1016	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Aroclor 1221	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Aroclor 1232	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Aroclor 1242	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Aroclor 1248	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Aroclor 1254	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Aroclor 1260	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
beta-BHC	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Chlordane, total	~	NT	<0.00800	<0.00421	<0.00432	<0.00421
delta-BHC	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Dieldrin	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Endosulfan I	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Endosulfan II	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Endosulfan sulfate	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Endrin	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Endrin aldehyde	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Endrin ketone	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
gamma-BHC (Lindane)	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Heptachlor	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Heptachlor epoxide	~	NT	<0.00200	<0.00105	<0.00108	<0.00105
Methoxychlor	~	NT	<0.0100	<0.00526	<0.00541	<0.00526
Total PCBs	~	<0.0571	<0.100	<0.0526	<0.0541	<0.0526
Toxaphene	~	NT	<0.100	<0.0526	<0.0541	<0.0526
Metals, Dissolved - Target Analyte (TAL)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	~	<10	<10	<10	<10	<10
Antimony	3	<3	<3	<3	<3	<3
Arsenic	25	<4	<4	<4	32	31
Barium	1000	148	155	223	62	60
Beryllium	~	<1	<1	<1	<1	<1
Cadmium	5	<2	<2	<2	<2	<2
Calcium	~	94400	253000	368000	66500	65600
Chromium	50	<2	<2	<2	<2	<2
Cobalt	~	<2	<2	<2	<2	<2
Copper	200	<2	<2	<2	<2	<2
Iron	~	26200	21800	15200	10300	10100
Lead	25	<2	<2	<2	<2	<2
Magnesium	35000	36300	21800	30300	6490	6520
Manganese	300	160	654	834	246	242
Nickel	100	5	8	6	<1	<1
Potassium	~	27400	21400	31500	12200	12300

501 Leonard Street, Brooklyn, New York

SampleID ClientMatrix RptUnits	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW Water ug/L	GW-1 Water ug/L	GW-2 Water ug/L	GW-3 Water ug/L	DUP (GW) Water ug/L
Compound		**Result**	**Result**	**Result**	**Result**	**Result**
Selenium	10	14	17	18	7	7
Silver	50	<2	<2	<2	<2	<2
Sodium	~	70800	50900	70200	10900	11700
Thallium	~	<3	3	3	3	3
Vanadium	~	<2	<2	<2	<2	<2
Zinc	~	<2	35	38	<2	<2
Metals, Target Analyte	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	~	3240	714	8260	48	38
Antimony	3	<3	<3	<3	<3	<3
Arsenic	25	11	<4	20	32	30
Barium	1000	229	182	566	63	62
Beryllium	~	<1	<1	<1	<1	<1
Cadmium	5	<2	<2	<2	<2	<2
Calcium	~	99000	254000	402000	65700	66200
Chromium	50	10	<2	38	<2	<2
Cobalt	~	5	<2	25	<2	<2
Copper	200	35	6	268	<2	<2
Iron	~	37300	27300	138000	10600	10900
Lead	25	427	43	897	<2	<2
Magnesium	35000	36700	21600	33600	6430	6560
Manganese	300	501	706	3470	255	260
Nickel	100	15	10	54	<1	<1
Potassium	~	29600	21400	32300	12300	12400
Selenium	10	10	13	30	<7	<7
Silver	50	<2	<2	<2	<2	<2
Sodium	~	71800	49900	71000	11400	11500
Thallium	~	<3	<3	<3	<3	<3
Vanadium	~	20	<2	62	<2	<2
Zinc	~	108	48	516	<2	<2
Mercury by 7470/7471	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Mercury	0.7	1.0	<0.04	2.6	<0.04	<0.04
Mercury, Dissolved	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Mercury	0.7	<0.03900	<	<0.03900	<0.03900	<0.03900
NOTES:						
Any Regulatory Exceedences are color coded by Regulation						
Q is the Qualifier Column with definitions as follows:						
U=analyte not detected at or above the level indicated						
B=analyte found in the analysis batch blank						
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated						
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						
NT=this indicates the analyte was not a target for this sample						
~=this indicates that no regulatory limit has been established for this analyte						

Table 3.0

Tabulated Soil Vapor Analysis

			12/13/2012	*3/6/2013*	*12/13/2012*	*3/6/2013*	*3/6/2013*	*3/6/2013*		
Sample Name			**AI (Y-66)**	**SV-1**	**SV-2 (Y-77)**	**SV-3**	**SV-4**	**Trip Blank**		
ANALYTE	**SURROGATE**	**DL**	Result	Result	Result	Result	Result	Result	**RL**	**UNITS**
Vinyl Chloride	FALSE	0.47	ND	ND	ND	ND	ND	ND	0.47	ug/m³
Styrene	FALSE	0.79	ND	ND	ND	1.7	ND	ND	0.79	ug/m³
Propylene	FALSE	0.32	ND	ND	ND	ND	ND	ND	0.32	ug/m³
p-Ethyltoluene	FALSE	4.5	34	34	25	27	23	ND	4.5	ug/m³
p- & m- Xylenes	FALSE	0.80	50	43	57	36	34	ND	0.80	ug/m³
o-Xylene	FALSE	0.80	21	23	23	19	18	ND	0.80	ug/m³
n-Hexane	FALSE	0.65	10	12	26	40	12	ND	0.65	ug/m³
n-Heptane	FALSE	0.76	28	39	11	27	7.7	ND	0.76	ug/m³
Methylene chloride	FALSE	0.64	2.9	ND	7.5	ND	ND	ND	0.64	ug/m³
Methyl tert-butyl ether (MTBE)	FALSE	0.66	ND	ND	ND	ND	ND	ND	0.66	ug/m³
p-Bromofluorobenzene	TRUE		ND	10.4	ND	11.1	11.0	8.94		ug/m³
4-Methyl-2-pentanone	FALSE	0.76	ND	22	ND	ND	13	ND	0.76	ug/m³
Isopropanol	FALSE	0.45	11	ND	ND	ND	ND	ND	0.45	ug/m³
Hexachlorobutadiene	FALSE	2.0	ND	ND	ND	ND	ND	ND	2.0	ug/m³
Ethyl Benzene	FALSE	0.80	14	12	17	8.8	9.1	ND	0.80	ug/m³
Ethyl acetate	FALSE	0.66	ND	ND	ND	ND	ND	ND	0.66	ug/m³
Vinyl acetate	FALSE	0.65	ND	ND	ND	ND	ND	ND	0.65	ug/m³
Cyclohexane	FALSE	0.63	2.8	6.5	4.1	4.4	4.3	ND	0.63	ug/m³
cis-1,3-Dichloropropylene	FALSE	0.84	ND	ND	ND	ND	ND	ND	0.84	ug/m³
cis-1,2-Dichloroethylene	FALSE	0.73	ND	ND	ND	ND	ND	ND	0.73	ug/m³
Chloromethane	FALSE	0.38	ND	ND	ND	ND	ND	ND	0.38	ug/m³
Chloroform	FALSE	0.90	ND	ND	ND	ND	ND	ND	0.90	ug/m³
Chloroethane	FALSE	0.49	ND	ND	ND	ND	ND	ND	0.49	ug/m³
Carbon tetrachloride	FALSE	0.58	ND	ND	ND	ND	ND	ND	0.58	ug/m³
Carbon disulfide	FALSE	0.57	2.7	6.8	5.4	12	ND	ND	0.57	ug/m³
Bromomethane	FALSE	0.72	ND	ND	ND	ND	ND	ND	0.72	ug/m³
Trichloroethylene	FALSE	0.50	ND	ND	ND	ND	ND	ND	0.50	ug/m³
Bromoform	FALSE	1.9	ND	ND	ND	ND	ND	ND	1.9	ug/m³
Bromodichloromethane	FALSE	1.1	ND	ND	ND	ND	ND	ND	1.1	ug/m³
Benzyl chloride	FALSE	0.95	ND	ND	ND	ND	ND	ND	0.95	ug/m³
Benzene	FALSE	0.59	9.2	17	6.3	7.6	5.0	ND	0.59	ug/m³

501 Leonard Street, Brooklyn, New York

			12/13/2012	3/6/2013	12/13/2012	3/6/2013	3/6/2013	3/6/2013		
Sample Name			**AI (Y-66)**	**SV-1**	**SV-2 (Y-77)**	**SV-3**	**SV-4**	**Trip Blank**		
ANALYTE	**SURROGATE**	**DL**	Result	Result	Result	Result	Result	Result	**RL**	**UNITS**
Acetone	FALSE	4.4	120	290	190	52	60	ND	4.4	ug/m³
2-Hexanone	FALSE	0.76	ND	ND	ND	ND	ND	ND	0.76	ug/m³
trans-1,3-Dichloropropylene	FALSE	0.84	ND	ND	ND	ND	ND	ND	0.84	ug/m³
2-Butanone	FALSE	0.54	17	170	65	71	140	ND	0.54	ug/m³
1,4-Dioxane	FALSE	0.66	ND	ND	ND	ND	ND	ND	0.66	ug/m³
1,4-Dichlorobenzene	FALSE	1.1	ND	ND	ND	ND	ND	ND	1.1	ug/m³
1,3-Dichlorobenzene	FALSE	1.1	ND	ND	ND	ND	ND	ND	1.1	ug/m³
1,3-Butadiene	FALSE	0.80	ND	ND	ND	ND	ND	ND	0.80	ug/m³
1,3,5-Trimethylbenzene	FALSE	0.91	10	10	8.2	7.3	7.0	ND	0.91	ug/m³
1,2-Dichlorotetrafluoroethane	FALSE	1.3	ND	ND	ND	ND	ND	ND	1.3	ug/m³
trans-1,2-Dichloroethylene	FALSE	0.73	ND	ND	ND	ND	ND	ND	0.73	ug/m³
1,2-Dichloropropane	FALSE	0.85	ND	ND	ND	ND	ND	ND	0.85	ug/m³
1,2-Dichloroethane	FALSE	0.75	ND	ND	ND	ND	ND	ND	0.75	ug/m³
1,2-Dichlorobenzene	FALSE	1.1	ND	ND	ND	ND	ND	ND	1.1	ug/m³
1,2,4-Trimethylbenzene	FALSE	0.91	28	41	27	23	28	ND	0.91	ug/m³
1,2,4-Trichlorobenzene	FALSE	1.4	ND	ND	ND	ND	ND	ND	1.4	ug/m³
1,1-Dichloroethylene	FALSE	0.73	ND	ND	ND	ND	ND	ND	0.73	ug/m³
Toluene	FALSE	0.69	330	360	130	30	46	ND	0.69	ug/m³
1,1-Dichloroethane	FALSE	0.75	ND	ND	ND	ND	ND	ND	0.75	ug/m³
Trichlorofluoromethane (Freon 11)	FALSE	1.0	ND	ND	4.5	ND	ND	ND	1.0	ug/m³
1,1,2-Trichloroethane	FALSE	1.0	ND	ND	ND	ND	ND	ND	1.0	ug/m³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	FALSE	1.4	ND	ND	ND	ND	ND	ND	1.4	ug/m³
1,1,2,2-Tetrachloroethane	FALSE	1.3	ND	ND	ND	ND	ND	ND	1.3	ug/m³
1,1,1-Trichloroethane	FALSE	1.0	ND	ND	ND	ND	ND	ND	1.0	ug/m³
Dichlorodifluoromethane	FALSE	0.91	2.4	2.8	3.2	4.0	3.2	ND	0.91	ug/m³
1,2-Dibromoethane	FALSE	1.4	ND	ND	ND	ND	ND	ND	1.4	ug/m³
Dibromochloromethane	FALSE	1.5	ND	ND	ND	ND	ND	ND	1.5	ug/m³
Methyl Methacrylate	FALSE	0.75	ND	ND	ND	ND	ND	ND	0.75	ug/m³
Tetrahydrofuran	FALSE	0.54	ND	63	11	ND	72	ND	0.54	ug/m³
Chlorobenzene	FALSE	0.85	ND	ND	ND	ND	ND	ND	0.85	ug/m³
Tetrachloroethylene	FALSE	1.3	ND	ND	ND	7.0	ND	ND	1.3	ug/m³

Table 4

Construction Details for Soil Vapor Points, Soil Borings, and Monitoring Wells

	Identification Number	Date of construction	Total Depth	Diameter	Ground surface elevation	Screened interval (Elevation Range)	Construction Material (PVC, steel, etc)	GPS Coordinates
Soil Vapor Points	Y-66 (AI)	12-13-12	4' bgs	¾"	15'	4 – 4.5'	Steel	40°43'19.21"N 73°56'57.56"W
	SV-1	3-6-13	4' bgs	¾"	15'	4 – 4.5'	Steel	40°43'19.31"N 73°56'57.94"W
	SV-2	12-13-12	4' bgs	¾"	15'	4 – 4.5'	Steel	40°43'19.06"N 73°56'57.83"W
	SV-3	3-6-13	4' bgs	¾"	15'	4 – 4.5'	Steel	40°43'19.20"N 73°56'57.20"W
	SV-4	3-6-13	4' bgs	¾"	15'	4 – 4.5'	Steel	40°43'19.67"N 73°56'57.19"W
Soil Borings	SB-1	12-13-12	15'	2"	15'	N/A	N/A	40°43'19.22"N 73°56'57.94"W
	SB-2	12-13-12	15'	2"	15'	N/A	N/A	40°43'18.96"N 73°56'57.80"W
	SB-2A	3-6-13	15'	2"	15'	N/A	N/A	40°43'19.03"N 73°56'58.17"W
	SB-3	3-6-13	15'	2"	15'	N/A	N/A	40°43'19.19"N 73°56'57.21"W
	SB-3A	3-6-13	15'	2"	15'	N/A	N/A	40°43'19.00"N 73°56'57.68"W
	SB-4	3-6-13	15'	2"	15'	N/A	N/A	40°43'19.47"N 73°56'57.38"W
Monitor Wells	MW	Unk	15'	1"	15'	8-13'	PVC	40°43'19.31"N 73°56'56.74"W
	GW-1	3-6-13	15'	1"	15'	8-13'	Prepack PVC	40°43'19.22"N 73°56'57.94"W
	GW-2	3-6-13	15'	1"	15'	8-13'	Prepack PVC	40°43'19.03"N 73°56'58.17"W
	GW-3	3-6-13	15'	1"	15'	8-13'	Prepack PVC	40°43'19.00"N 73°56'57.68"W

Table 5

Groundwater Level Data

Monitoring Well ID No.	Date	Water Elevation
MW	3-6-13	8.4’
GW-1	3-6-13	9.5’
GW-2	3-6-13	8.5’
GW-3	3-6-13	8.7’

Table 6

Analytical Methods Summary Table

Matrix	Number of Samples	Analytical parameters measured	Analytical methods	Number of duplicate samples	Number and type of QA/QC samples
Soil	12	VOCs SVOCs Metals Pesticides PCBs	8260 8270 6010B 7470 8081/8082	2	2x Duplicates 2x Field Blanks
Groundwater	4	VOCs SVOCs Metals Pesticides PCBs	8260 8270 6010B 7470 8081/8082	1	1x Duplicate
Soil vapor	4	VOCs	TO-15	0	1x Trip Blank

APPENDIX A

LEA Phase 1 Report, January 15, 2013

PHASE I
ENVIRONMENTAL
SITE ASSESSMENT

COMMERCIAL PROPERTY
501 LEONARD STREET
BROOKLYN, NEW YORK 11222

PREPARED FOR:

501 LEONARD REALTY CO.
MR. NICHOLAS NOTIAS
NEPTUNE MANAGEMENT
29-10 120TH STREET
FLUSHING, NEW YORK 11354

PREPARED BY:

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NEW YORK

JANUARY 15, 2013
***LEA* PROJECT # 12-361**

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
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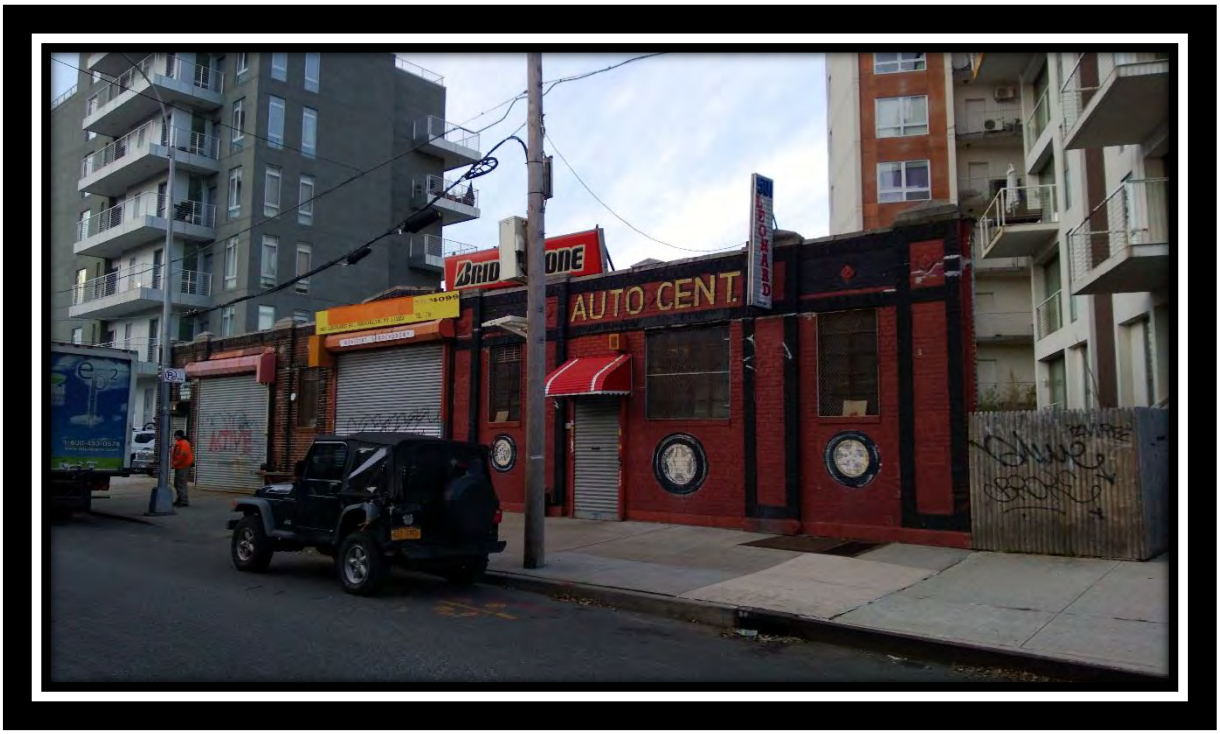

501 Leonard Street, Brooklyn, New York

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
ENVIRONMENTAL CERTIFICATION

***LEA* Project ID #:**	**12-361**
Report:	Phase I Environmental Site Assessment, ASTM E1527-05
Inspection Date:	December 13, 2012
Resource Date:	January 2013
Report Date:	January 15, 2013
Site:	501 Leonard Street, Brooklyn, New York 11222 Located on the west side of Leonard Street (with the rear of the building on the east side of Manhattan Avenue), south of Driggs Avenue and north of Engert Avenue.
Weather Conditions:	45°F; Sunny
Inspection Limitations:	Limited photos allowed, no access to basement
Client:	501 Leonard Realty Co.

Report Prepared By:

Christopher J. Connolly Environmental Scientist	Carla M. Sullivan, QA/QC VP, Senior Geologist

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Scott A. Yanuck
Principal

Date

EXECUTIVE SUMMARY AND FINDINGS

On-site:

1. The Subject Property maintains a one-story brick and masonry commercial use building, with a partial basement, currently used for automotive repair and bodywork. The building encompasses the entire 8,800 square foot parcel on which it resides. The building was constructed circa 1931 for commercial purposes and straddles the lot between Leonard Street and Manhattan Avenue, in a mixed use area of the Greenpoint section of Kings County, New York.

2. The subject building is divided into two sections. The southern section is dominated by a large open space currently utilized by the tenant of the northern section for the storage of vehicles. The southern section had recently been vacated by a motorcycle fabrication company. This section also maintains a small bathroom. The northern section is utilized for auto repair, and maintains a service and repair area, a body shop area, a reportedly unused spray-painting booth, and a small office. This northern section also maintains three above-ground electric lifts.

3. The building is serviced with public water from the City of New York and with electricity and natural gas from Consolidated Edison. The subject building is heated by two ceiling-mounted natural gas-fired infrared heaters.

4. Housekeeping was noted to be good in the southern section of the building, but poor throughout the northern section of the building; with chemicals, lubricants, automobile parts and tools observed haphazardly stored, and generally scattered about the property. Light, typical staining of the concrete floor was noted throughout the building, but is not considered a significant issue.

5. One floor drain was noted within the subject building, located in the southern section. The final discharge point for the floor drain is unknown, but is likely to municipal sewer. There was a small 2" diameter hole observed in the slab in the southern section of the building, which, according to Mr. Kowalski was formerly used for exhaust fume extraction. Additionally, there was a steel covered drainage pit located on the south side of the subject building. Finally, there were two steel covered sewer cleanout pits located on the east side and north side of the subject building, with a single sewer cleanout port also located on the east side of the building. There was no signs of staining, significant odors, or sheens noted in or around any of the drainage structures.

6. The Subject Property has been used for commercial purposes since construction circa 1931. According to Sanborn Fire Insurance Maps former occupants have included a 'Furniture Assembling and Finishing' facility, a 'service station', and an outdoor drive-in movie theatre. The southern section of the building had most recently been occupied by a motorcycle fabrication company.

7. Chemical storage at the Subject Property was noted as numerous containers of varying sizes, containing motor oils, hydraulic oils, lubricants, industrial hand cleaners, and spray paints, all found in the northern section of the subject building. Chemicals were found haphazardly stored throughout, mostly in the original manufacturer's packaging, although some containers were not correctly labeled, making their contents unknown.

8. Two solid covered plastic 55-gallon drums were noted within the subject building. The drums were found stored on the concrete flooring with inadequate secondary containment. One drum was observed with no label, with the other labeled as containing 'Gleem', which is understood to be an industrial car wash solution. There were no signs of staining or leakage from any of the drums.

9. No fill ports and/or vent pipes, which indicate the presence of USTs or ASTs, were noted at the Subject Property at the time of the site inspection. Based upon our site reconnaissance, interviews, and review of state and local records, ***LEA*** identified no evidence of existing USTs at the Subject Property. According to Sanborn Fire Insurance maps, the subject building maintained two gasoline tanks in its northeast corner in 1942. A GPR survey of the northeast corner of the building, conducted by X-Ray Locating Service, Inc., as part of a Phase I ESA by Pressley and Associates, Inc. in September 2012, concluded that no tanks exist in that area of the property. Furthermore, ***LEA*** was provided with a Petroleum Bulk Storage Application, completed in August 2012 by the current tenant (and then owner) Mr. Kaz Kowalski, and returned to Mr. Kowalski by the NYSDEC after being deemed incomplete. Based on the GPR survey conducted X-Ray Locating Service, Inc., as well as information provided by the current owner, Mr. Notias, it has been concluded that this PBS Application was unnecessarily and incorrectly completed, as no USTs exist at the Subject Property. Finally, a portable 35-gallon waste oil tank was observed in the service and repair area during ***LEAs*** inspection. Oil staining was observed on the ground surrounding the tank, which had seemingly been treated with an absorbent material.

10. Non-friable suspect asbestos containing materials were noted as 'Bell' ceiling panels in the southern section, found in good condition, and roofing materials. Friable suspect asbestos containing materials were noted as approximately 2 feet of linear pipe wrapping, found in poor condition, located in the northeast section of the subject building.

11. Based on the non-residential use of the existing building and a lead-based paint survey was not conducted at the subject site. Due to the age of the building, lead-based paint may be present within the subject building. Painted surfaces were in good condition at the time of the site inspection.

12. Minor water damage was observed on ceiling materials in the northeast corner of the subject building.

13. The Subject Property is listed as RCRA Hazardous Waste Generator. Lvstig Bros Inc., ID #NYD001235951, located onsite, is historically listed as a Large Quantity Generator in 1980; although, no hazardous waste activity was reported by New York State. The presence of a RCRA Hazardous Waste Generator listing onsite poses a recognized environmental condition.

14. The NYC records were searched thoroughly and ***LEA*** has determined the Subject Property is designated as a Little "E" site. Known as '544 Manhattan Avenue', ID #820A-0001-821, the subject site is listed under CEQR No. 04DCP003K for underground gasoline storage tanks testing protocol, effective from May 2005.

Off-site:

1. There is one (1) NPL listed site located within a one-mile radius of the Subject Property. Newtown Creek, ID #NYN000206282, is located 5,272 feet hydraulically cross-gradient from the Subject Property, and therefore; should not pose a recognized environmental condition.

2. There is one CERCLIS listed sites located within a ½-mile radius of the Subject Property. City Barrel, ID# NYD068298835, is classed as a No Further Remedial Activity Planned (NFRAP) site. Due to this sites hydraulically side-gradient location, relative to the Subject Property, it should not present a recognized environmental condition.

3. There are 14 listed IHWD sites within a one-mile radius of the Subject Property, four of which may be considered up-gradient from the Subject Property. However, due to these sites distance from the Subject Property, and their close proximity to the Newtown Creek, it is unlikely that these sites would pose a recognized condition at the Subject Property.

4. There is one listed HSWD site located within a one-mile radius of the Subject Property. City Barrel, ID #840A-0000-409, located 1,274 feet hydraulically side gradient from the Subject Property, is listed with no threat to the environment or public health, therefore does not pose a recognized environmental condition.

5. There is one site listed as a Brownfields site within a one-mile radius of the Subject Property. K-Wythe Ave Station, ID #C224069, is currently undergoing a Site Characterization, and is located 2,002 feet hydraulically down-gradient from the Subject Property. Due to the hydraulic location of this site, relative to the Subject Property, it should not present a recognized environmental condition.

6. The database of NYS Landfills identified two Solid Waste Facilities located within a ½-mile radius of the Subject Property. Lostritto & Calandrillo, ID #24T23, is located 2,149 hydraulically side-gradient from the Subject Property. National Paper Stock Cart, ID #24T91, is located 2,284 feet hydraulically down-gradient from the Subject Property. Both of these facilities are listed as large transfer stations for demolition, paper, and putrescible wastes. Due to the type of waste handled, the geographic and hydraulic location relative to the Subject Property, none should pose a recognized environmental condition.

7. There are nine active NYSDEC listed spills located within a ½-mile radius of the Subject Property. Two of these spills are located hydraulically up-gradient from the Subject Property. The spill known as 'John Huley', ID #1205075, is located 153 feet hydraulically up gradient from the Subject Property, and may pose an environmental condition. Due to the geographic and hydraulic locations of the remaining spills, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

8. There are three active NYSDEC listed leaking USTs located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

9. There is one adjoining property listed as a RCRA Hazardous Waste Generator. HT Jewelry MFG, ID #NYR000060665, adjoining to the south and 90 feet hydraulically side-gradient from the Subject Property, is listed as a Small Quantity Generator, having generated 110-gallons of solid waste that exhibits the characteristic of corrosivity in 1998. Due to the type of waste generated and the hydraulically side-gradient location relative to the Subject Property, this site should not pose a recognized environmental condition.

10. There are two properties within a one-mile radius listed as RCRA CORRACT sites. Due to the geographic and hydraulic locations relative to the Subject Property, these sites should not pose a recognized environmental condition.

11. There is one site listed as a TRI Facility within a ¼-mile radius of the Subject Property. Carter Spray Finishing Corp., EPA Tri ID #11222CRTRS65ECK, listed with releases of Trichloroethylene and 1,1,1-Trichloroethane between 1990 and 2001. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

12. There are two sites (one listed three times) located within a ¼-mile of the Subject Property listed as Air Discharge Sites. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

Based on the findings of this investigation, ***Laurel Environmental Associates, Ltd. (LEA)*** has discovered the following recognized environmental conditions at the Subject Property, 501 Leonard Street, Brooklyn, New York 11222.

Recognized Environmental Conditions	***Potential Impacts***
• Current and Historical property usage	Moderate Risk
• Possible Former USTs	Low Risk
• Poor Housekeeping/Chemical Storage	De Minimis Risk
• On-Site Hazardous Waste Generator listing	Moderate Risk
• Little 'E' Site for Underground Gasoline Storage Tanks	Moderate Risk
• Active Up-Gradient Spill	Moderate Risk

EXECUTIVE RECOMMENDATIONS

Based on the above conclusions ***LEA*** recommends the following:

1. Conduct a thorough Ground Penetrating Radar and Magnetometer survey in order to determine the presence, or lack thereof, of any former USTs or sub-grade structures.

2. Conduct soil borings around any marked anomalies, and at three additional locations, collect samples from 0'-2' below ground surface and two feet into clean material or 4' -6' below ground surface if contamination is not observed (2'-4' below proposed slab elevation).

3. Soil samples should be sent for laboratory analysis and tested for VOCs, SVOCs, TAL Metals, and PCBs.

4. Set one temporary monitoring well using a pre-pack well, and collect a groundwater sample. Collect a groundwater sample from the existing up-gradient monitoring well. Samples should be sent for laboratory analysis to test for VOCs, SVOCs, Metals, and PCBs.

5. Conduct a soil vapor sample set at 4' below ground surface (1' below proposed slab elevation) using 2 hour flow controllers and 6 liter summa canisters.

6. Send updated NYSDEC Petroleum Bulk Storage registration forms and fees indicating no USTs at the site.

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REPORT SPECIFICATIONS

This report contains (63) pages of text.

Copies and circulation of this report are as follows:

(3) Two bound copies and one electronic copy to 501 Leonard Realty Co., Mr. Nicholas Notias

(1) One copy in the confidential client file at ***Laurel Environmental Associates, Ltd.***

This report is prepared for the exclusive use of the principal(s) noted above and is considered private and confidential. ***LEA*** shall not release this report or any of the findings of this report to any person or agency except with the authorization of the named principal(s).

The accuracy of the findings obtained through this environmental audit was considered to be of paramount importance during the formulation of this report. However, the accuracy of this report is limited to the information available from interviews, records, and plans released by the property owner or his representatives, and the respective regulatory agencies; their attorneys and information officers, whose interest in issues presented herein is unknown to ***LEA***.

1.0 INTRODUCTION

Laurel Environmental Associates, Ltd. was retained by 501 Leonard Realty Co. to conduct a Phase I Environmental Site Assessment (ESA) of the industrial property located at 501 Leonard Street, Brooklyn, New York 11222 (please see Figure 1.0, Site Location).

The purpose of this Phase I ESA is to determine if any recognized environmental conditions exist within the property in question. Recognized Environmental Conditions (RECs) would include, but not be limited to: hazardous/toxic wastes or raw chemicals stored, dumped, or spilled on the site; underground storage of hazardous materials; friable asbestos in building materials/structures; and identification of potential off-site sources of hazardous waste contamination, such as industrial facilities adjoining the subject site.

The conclusions of this Phase I ESA are based on findings at the time of ***LEAs*** site visit and review of readily ascertainable historical records, regulatory documents, and databases made available within a reasonable time period. Due to limited availability, ***LEA*** is not able to make any determinations with respect to portions of the Subject Property and structures which were not inspected or regulatory documents not provided within a timely fashion.

1.1 ASTM STANDARD PRACTICE E-1527-05

1.1.1 Purpose

The purpose of the American Society for Testing and Material (ASTM) Standard Practice for Environmental Site Assessments, E-1527-05, as well as Practice E-1528-06, is to define good commercial and customary practice in the United States of America for conducting an *ESA* of a parcel of *commercial real estate* with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and *petroleum products*. As such, this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner defense* to CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35)(B). An evaluation of *business environmental risk* associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice.

1.1.2 Definition of Recognized Environmental Conditions

In defining a standard of good commercial and customary practice for conducting an *environmental site assessment* of a parcel of *property*, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

It is not generally within the scope of this report to perform intrusive or aggressive testing of suspect materials observed at the site. Materials will be identified as environmentally suspect; however, a representative sampling procedure is required to fully assess the occurrence of the following materials: electrical devices containing Poly-Chlorinated Biphenyls (PCBs); the presence of radon gas; lead-based paint; asbestos containing materials; and mold.

1.2 SCOPE OF WORK

To complete the Environmental Site Assessment, the following tasks were performed in conformance with American Society for Testing and Material (ASTM) Standard Practice for Environmental Site Assessments, E-1527-05:

1. A detailed walk-through inspection of the Subject Property or representative areas of the property.
2. An interview with the owner and facility manager concerning past and/or present operations conducted at the Subject Property.
3. Comparison of fair market value and listed sale price.
4. An environmental lien search was not provided by the client.
5. The presence of suspect asbestos containing materials (ACM) was noted.
6. The presence of suspect lead-based paints was noted.
7. A review of New York City building department, fire marshal, and/or tax assessor's office records to identify past owners, possible uses of the property, and construction details.
8. A review of state and federal regulatory agency documents concerning the location of known hazardous waste sites within proximity of the Subject Property.
9. A review of files/documents maintained by state and local regulatory agencies to investigate potential environmental hazards associated with the Subject Property when such information exists.
10. Major sources of electromagnetic fields were identified.
11. Identification of surrounding property use.
12. Sanborn Fire Insurance Maps review from 1887 to 2007
13. A review of eight (8) historical aerial photographs from 1924 to 2006.
14. A review of historical topographical maps from 1900 and 1967.
15. An identification of data failure and gaps.
16. Approximate the depth to groundwater and direction of regional groundwater flow beneath the Subject Property.
17. List recommendations for further study, as required (added to standard ASTM scope of work).

Findings, conclusions, and recommendations presented in Sections 8.0 through 10.0 (pages 45 through 50), are based on the careful consideration of the results of the above research. Any recommendations made are formulated with respect to maintaining or protecting the collateral value of the property and providing protection from toxic tort lawsuits.

Business environmental risk can have a material or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate. It is not necessarily limited to those environmental issues required to be investigated in the ASTM Standard Practice for Environmental Site Assessments, E-1527-05. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified on the following page.

There may be environmental issues or conditions at the Subject Property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice. As noted by the legal analysis in Appendix X1 of the ASTM Standard Practice for Environmental Site Assessments, E-1527-05, some substances may be present on a property but are not included in CERCLA's definition of hazardous substances (42 USC § 9601(14)) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this report. The following listed concerns are several non-scope considerations that entities may want to assess in connection with commercial real estate. No implication is intended as to the relative importance of inquiry into such non-scope considerations and this list of non-scope considerations is not intended to be all-inclusive, but can be completed upon request.

1) Lead in Drinking Water
2) Regulatory Compliance
3) Cultural and Historical Resources
4) Industrial Hygiene
5) Health and Safety
6) Ecological Resources
7) Endangered Species
8) Indoor Air Quality, and
9) Mold Sampling of Air and Surfaces

1.3 CONFLICT CERTIFICATION

Laurel Environmental Associates, Ltd. has no present or contemplated future ownership interest or financial interest in the real estate that is the subject of this Environmental Assessment Report. ***LEA*** has no personal interest with respect to the subject matter of the Environmental Site Assessment or the parties involved, and ***LEA*** has no relationship with the property or the owners thereof which would prevent an independent and unbiased analysis of the environmental or other conditions of the property.

1.4 VIABILITY OF PHASE I ESA

An updated Phase I ESA should be performed if it appears that the property transaction will not close by the Phase I ESA Report Viability Date. Pursuant to Section 4.6 of ASTM E1527-05, Phase I ESAs are considered viable for 180 days. In calculating the Report Viability Date, ***LEA*** used the date that was the earliest of the following four tasks: the interview of those present owners identified in Section 10 of ASTM E1527-05, the government record review, and the visual inspection of the Subject Property and adjoining properties.

1.5 SIGNIFICANT ASSUMPTIONS

Information regarding the Subject Property was reasonably ascertainable and therefore, no significant assumptions have been made, unless otherwise noted in a specific section of this report.

1.6 USER RELIANCE

This report was prepared solely for the use of the client, 501 Leonard Realty Co., and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold ***LEA*** harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

1.7 DATA GAPS

Any data gaps identified herein, as defined by ASTM Practice E 1527-05 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

1.8 LIMITATIONS

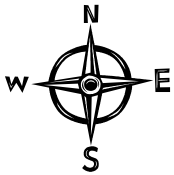
To the best of ***LEA's*** knowledge, the information contained in this report is true and accurate. Due diligence has been exercised by ***LEA*** personnel in the compilation of the information contained herein, appropriate to environmental professionals engaged in investigations of this sort. ***LEA*** makes no guarantees regarding the accuracy of information gained from other sources.

The Subject Property location and boundaries as understood by ***LEA*** are depicted in the maps appended to this report. It is the responsibility of the reader to verify that the location and boundaries depicted herein are correct.

1.9 SITE DETAILS AND INSPECTION OVERVIEW

Site Details and Inspection Overview†		
Site Address	501 Leonard Street, Brooklyn, New York	
Cross Streets	Driggs and Engert Avenues	
Site Owner	501 Leonard Realty Co.	
Site Occupant	501 Auto Center Inc.	
Tax Lot	Block: 2697 Lot: 7	
Municipality	Greenpoint section of Kings County	
Zoning	Mixed Use	
USGS Quadrangle	Brooklyn	
Physical Location	Latitude 40° 43' 19.27" North Longitude 73° 56' 57.53" West	
NAICS Code Usage	811111 – General Automotive Repair 811121 – Automotive body, paint & interior repair & maintenance	
Land Size	Approximately 8,800 square feet	
Building Footprint	Approximately 8,800 square feet	
Site Elevation	15 feet	
Site Topography	Unremarkable	
Date of Construction	Circa 1931	
Current Heating System	Gas-fired	
Utilities	**Electric**	Consolidated Edison
	Natural Gas	Consolidated Edison
	Water	City of New York
	Sanitary System	Municipal
Chemical Storage*	Present	
Drum Storage	Present	
Petroleum Storage Tanks	Absent	
Suspect Asbestos	Present	
Water Damage/Mold Growth	Absent	

†Based on areas available for inspection, not all areas may have been accessible.
*Other than typical housekeeping and/or janitorial supplies.



Map of Kings County

★ = Approximate site location

2.0 SITE DESCRIPTION

Christopher J. Connolly, a ***LEA*** Environmental Scientist and Site Inspector completed the inspection of the Subject Property on December 13, 2012. The inspection was conducted with the assistance of Mr. Nicholas Notias, the current owner of the subject site, and by Mr. Kaz Kowalski, the current tenant. The property was walked through and any indication of an environmental hazard was noted. Operations conducted at the Subject Property were observed, photographs were taken of the Subject Property, associated structures, and adjoining properties. Please refer to Appendix A of this report.

It should be noted that photographic and accessibility limitations were imposed upon ***LEA*** by the tenant of the building.

2.1 BUILDING AND PROPERTY INSPECTION

The Subject Property maintains one (1) one-story brick and masonry commercial use building with a footprint of approximately 8,000 square feet, encompassing its entire parcel. The building also maintains a small basement in the northeast corner, although no access to this area was granted by the current tenant. The building was constructed circa 1931 for commercial purposes, is currently used for automotive repair and bodywork, and straddles a parcel between Leonard Street and Manhattan Avenue. The site is relatively flat, and is covered exclusively with the building, with no external paved of landscaped areas present. The Subject Property is located in a mixed use area of the Greenpoint section of Kings County, New York.

The subject building is divided into two sections. The southern section is dominated by a large open space currently utilized by the tenant of the northern section for the storage of vehicles. The southern section had recently been vacated by a motorcycle fabrication company. This section also maintains a small bathroom. The northern section is utilized for auto repair, and maintains a service and repair area, a body shop area, a reportedly unused spray-painting booth, and a small office. This northern section also maintains three above-ground electric lifts.

The building is serviced with public water from the City of New York and with electricity and natural gas from Consolidated Edison. The subject building is heated by two ceiling-mounted natural gas-fired infrared heaters.

2.2 GENERAL HOUSEKEEPING PRACTICES

Housekeeping was noted to be good in the southern section of the building, but poor throughout the northern section of the building; with chemicals, lubricants, automobile parts and tools observed haphazardly stored, and generally scattered about the property. Light, typical staining of the concrete floor was noted throughout the building, but is not considered a significant issue.

2.3 VEGETATION

The Subject Property does not support any vegetation, as the building encompasses the entire parcel.

2.4 CLASS V INJECTION WELLS

Class V injection wells are used to inject non-hazardous fluids underground. Most Class V wells are used to dispose of wastes into or above underground sources of drinking water and can pose a threat to groundwater quality, if not managed properly. Most Class V wells are shallow disposal systems that depend on gravity to drain fluids directly into the ground. There are over 20 well sub-types that fall into the Class V category and these wells are used by individuals and businesses to inject a variety of non-hazardous fluids underground. The United States Environmental Protection Agency (USEPA) estimates that there are more than 650,000 Class V wells in operation nationwide. Most of these Class V wells are unsophisticated shallow disposal systems that include storm water drainage wells, cesspools, and septic system leach fields. However, the Class V well category also includes more complex wells that are typically deeper and are often used at commercial and/or industrial facilities.

Other more sophisticated Class V well types could include aquifer storage and recovery wells or geothermal electric power wells - that are used to inject geothermal fluids extracted from subsurface hydrothermal systems. Complex Class V wells also include wells that are used for pilot Geologic Sequestration (GS) projects that are experimental in nature. On December 10, 2010, the USEPA finalized regulations for GS projects. These new regulations include the creation of a new class of wells, Class VI. The USEPA understands that some of the wells permitted as Class V experimental technology wells may no longer be used for experimental purposes. Following the final rule, Class V wells that are not being used for experimental purposes must be re-permitted as Class VI wells and will be subject to Class VI requirements.

Class V wells are a concern because they pose a risk to underground sources of drinking water. Because of this they are regulated by the Underground Injection Control (UIC) program under the Authority of the Safe Drinking Water Act.

2.4.1 Septic Systems

Sanitary waste has been handled by public sewer since construction of the subject building circa 1931.

2.4.2 Storm Water Drainage

Storm water and roof run-off is handled by runoff to Leonard Street and Manhattan Avenue.

2.4.3 Floor Drains

One floor drain was noted within the subject building, located in the southern section. The final discharge point for the floor drain is unknown, but is likely to municipal sewer. There was a small 2" diameter hole observed in the slab in the southern section of the building, which, according to Mr. Kowalski was formerly used for exhaust extraction. Furthermore, concrete patching, indicative of a former trench drain, was observed running north-south in the southeast quadrant of the Subject Building. Additionally, there was a steel covered drainage pit located on the south side of the subject building. Finally, there were two steel covered sewer cleanout pits located on the east side and north side of the subject building, with a single sewer cleanout port also located on the east side of the building. There was no signs of staining, significant odors, or sheens noted in or around any of the drainage structures.

2.5 CURRENT SITE OPERATIONS

The subject building is currently occupied by 501 Auto Center Inc., and is used for auto repair and bodywork purposes.

2.6 PAST SITE OPERATIONS

The Subject Property has been used for commercial purposes since construction circa 1931. According to Sanborn Fire Insurance Maps former occupants have included a 'Furniture Assembling and Finishing' facility, a 'service station', and an outdoor drive-in movie theatre. The southern section of the building had most recently been occupied by a motorcycle fabrication company.

2.7 CHEMICAL USE AND STORAGE

Chemical storage at the Subject Property was noted as numerous containers of varying sizes, containing motor oils, hydraulic oils, lubricants, industrial hand cleaners, and spray paints, all found in the northern section of the subject building. Chemicals were found haphazardly stored throughout, mostly in the original manufacturer's packaging, although some containers were not correctly labeled, making their contents unknown.

2.7.1 Biohazardous Waste

No biohazardous waste is generated or stored at the Subject Property.

2.8 DRUM STORAGE

Two solid covered plastic 55-gallon drums were noted within the subject building. The drums were found stored on the concrete flooring with inadequate secondary containment. One drum was observed with no label, with the other labeled as containing 'Gleem', which is understood to be an industrial car wash solution. There were no signs of staining or leakage from any of the drums.

2.9 UNDERGROUND AND ABOVEGROUND STORAGE TANKS

The Subject Property was inspected for tank fill ports, vent pipes, and other signs of aboveground storage tanks (ASTs) and/or underground storage tanks (USTs). No fill ports and/or vent pipes, which indicate the presence of USTs or ASTs, were noted at the Subject Property at the time of the site inspection. Based upon our site reconnaissance, interviews, and review of state and local records, ***LEA*** identified no evidence of existing USTs at the Subject Property. According to Sanborn Fire Insurance maps, the subject building maintained two gasoline tanks in its northeast corner in 1942. A GPR survey of the northeast corner of the building, conducted by X-Ray Locating Service, Inc., as part of a Phase I EAS by Pressley and Associates, Inc. in September 2012, concluded that no tanks exist in that area of the property. Furthermore, ***LEA*** was provided with a Petroleum Bulk Storage Application, completed in August 2012 by the current tenant (and then owner) Mr. Kaz Kowalski, and returned to Mr. Kowalski by the NYSDEC after being deemed incomplete. This document can be found in Appendix H. Based on the GPR surveys conducted by ***LEA*** and X-Ray Locating Service, Inc., as well as information provided by the current owner, Mr. Notias, it has been concluded that this PBS Application was unnecessarily and incorrectly completed, as not USTs exist at the Subject Property. Finally, a portable 35-gallon waste oil tank was observed in the service and repair area during ***LEAs*** inspection. Oil staining was observed on the ground surrounding the tank, which had seemingly been treated with an absorbent material.

2.9.1 Emergency Generators

No emergency generators and associated tanks were observed during our site reconnaissance.

2.10 PCBs in Electrical Transformers and Fluorescent Lighting Ballasts

There are three types of transformers defined in the Poly-Chlorinated Biphenyls (PCBs) regulations:

- PCB Transformer: Any transformer containing 500 parts per million (ppm) PCBs or greater.
- Non-PCB Transformer: Any transformer containing less than 50 ppm PCBs.
- PCB Contaminated Transformer: Any transformer containing 50-499 ppm PCBs. These transformers are not subject to parts of the regulations, such as marking requirements, and if drained of liquid, to disposal requirements. Any liquid drained from these transformers must be stored and disposed of in accordance with the regulations.

Transformers often contain dielectric liquid for the primary purpose of increasing resistance of the unit to arcing and acting as a heat transfer media, helping to cool the coils. The majority of transformers are filled with mineral oil, but a small percentage of these liquid-filled transformers contain PCB Askarel coolant liquid. The term "Askarel" is a generic term used for a group of nonflammable synthetic chlorinated hydrocarbons. All types of Askarels sold prior to 1979 contained 60 to 100 percent PCBs. Askarel transformers were manufactured in a variety of sizes, i.e. 3 to 3,000 gallons of PCB liquid, and are generally used in hazardous locations where flammability is of concern. PCB transformers are no longer produced because of the USEPA ban on the manufacture of new equipment containing PCBs.

Prior to the banning of PCB manufacturing in 1976, the compounds were used in small amounts during the production of fluorescent light ballasts. According to USEPA regulations, light ballasts containing less than three pounds of PCBs are exempt from special hazardous waste transportation and disposal and may be disposed of as municipal wastes; however, removal is not required by law. To determine if the light ballasts contain PCBs, the light fixtures would have to be dismantled, the make and model number obtained, and the manufacturer contacted. If the lighting is to remain, maintenance personnel should be advised of the possibility that the ballasts may contain PCBs. Workers should exercise caution when handling the ballasts, taking care not to cause leaks. Protective gloves and clothing should be worn when handling ballasts.

There are no pad or pole-mounted transformers located at the Subject Property.

2.11 FRIABLE AND NON-FRIABLE SUSPECT ASBESTOS CONTAINING MATERIALS

The USEPA designated material containing more than 1% asbestos to be considered as an Asbestos Containing Material (ACM). Where asbestos containing material is determined to be "Friable" (capable of being crushed by hand pressure and having a high potential to release airborne fibers), it is the recommendation of the USEPA that strong response action be taken. Such actions may take the form of removal, encapsulating, repair, enclosure, or an operations and maintenance program. The response action is determined depending on the severity and nature of the individual problem.

Non-friable suspect asbestos containing materials were noted as 'Bell' ceiling panels in the southern section, found in good condition, and roofing materials. Friable suspect asbestos containing materials were noted as approximately 2 feet of linear pipe wrapping, found in poor condition, located in the northeast section of the subject building.

A full asbestos inspection was not completed, as it is beyond the scope of this report. Based on ***LEA's*** limited observations, as the majority of the suspected ACMs were not friable or greatly damaged, the material can remain in place. However, the damaged materials noted on-site should be sampled and analyzed for asbestos content. If analyzed samples are found to contain asbestos, abatement and/or repair would be warranted. Should significant renovations or demolition be anticipated, state and federal regulations require an asbestos survey and proper handling and disposal of ACMs.

2.12 SUSPECT LEAD-BASED PAINT

Use of lead in household paint was banned by the USEPA effective January 1, 1978. The USEPA and the U.S. Department of Housing and Urban Development (HUD) consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm^2) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

Based on the non-residential use of the existing building and a lead-based paint survey was not conducted at the subject site. Due to the age of the building, lead-based paint may be present within the subject building. Painted surfaces were in good condition at the time of the site inspection.

A full lead-based paint inspection was not completed, as it is beyond the scope of this report. Based on ***LEA's*** limited observations, no suspect lead-based paint surfaces were considered to be peeling or chipping at the time of the site inspection. Caution is recommended if renovations and/or remolding of this facility are to take place, although the on-site operations are not residential in nature, worker safety should be considered during any future site renovations and/or demolition.

2.13 WATER DAMAGE AND MOLD GROWTH

Humidity or wetness, caused by water leaks, spills from plumbing failures, or condensation, can cause mold growth on interior and exterior surfaces; including but not limited to walls, ceilings, carpets, or furniture. Mold is a living organism that produces mold spores through reproduction. These spores are tiny particles that drift through the air until finding wet, humid areas in which they thrive. Although mold does not affect everyone it can cause health problems when inhaled. Mold can trigger asthma attacks, and some produce toxins that may be hazardous if people are exposed to large quantities of these molds. Mold spores and related *mycotoxins* can also pose a serious health threat to individuals who have compromised immune systems.

A full mold inspection was not requested or completed as part of this assessment, as it is beyond the scope of this report. Based on ***LEA's*** limited observations, there was no visible evidence of mold and/or mold related odors at the time of the site inspection. Minor water damage was observed on ceiling materials in the northeast corner of the subject building. It should be noted that mold may be present in hidden areas not observed during ***LEA's*** site reconnaissance. Of particular concern would be areas that experience water damage and areas of high humidity. Caution should be taken following any future water release within the subject building. Water leaks and water damage should be addressed immediately to help prevent the formation of mold spores. Visual evidence of mold should be addressed immediately by professional remediation contractors hired to address such issues.

2.14 WETLANDS AND NYSDEC ECOLOGICAL ZONE

For regulatory purposes under the Clean Water Act, the term wetlands means "those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include streams, swamps, marshes, bogs, and similar areas". The New York State Official Tidal Wetlands Inventory is maintained by the New York State Department of Environmental Conservation (NYSDEC) Bureau of Marine Resources in the Tidal Wetlands Inventory and Geographic Information System (GIS) Unit. The statutory definition of a tidal wetland can be found in New York's Environmental Conservation Law, Article 25, entitled "Tidal Wetlands Act."

According to maps provided by the NYSDEC, the Subject Property does not reside within a fresh water or tidal wetlands area. An inspection of the Subject Property by ***LEA*** did not observe the presence of wetlands within its boundaries. There are no documented wetlands located within a ¼-mile radius of the Subject Property.

ZONE I - COASTAL LOWLANDS

Geology	This zone is a terminal moraine of the great ice sheet. Topographic relief is low.
Elevation	Ranges from sea level to 200 feet
Soils	The soils are glacial outwash and deltaic sands medium to moderately coarse-textured on gravel and recent alluvium. The soils tend to the strongly acid and are of low fertility.
Vegetation	All of the Coastal Lowlands are included in the oak natural vegetation zone. Much of the forest is scrubby due to the poor soils. Oak is the principal hardwood tree, while pitch pine is the principal conifer.
Land Use	This zone continues to experience a rapid expansion of urban and suburban development.

This Data Set shows boundaries of the Ecological Regions (Ecozones) of New York State and has been modified by ***LEA***.

2.15 RADON

Radon is a heavy, colorless, odorless, radioactive gas formed by the radioactive decay of radium. Radon is associated with specific geologic formations that contain granite, uranium minerals, certain shales, and phosphate related minerals. Radon, being a gas, can migrate to and accumulate in confined spaces such as building basements. Continued exposure to radon gas has been associated with increased lung cancer risk and possible genetic damage.

The USEPA has set a maximum action level of 4 picocuries per liter (pCi/l) in air. At concentrations above this level, the USEPA recommends remedial measures to lower the concentrations.

According to monitoring data completed by the NYS Department of Health, Bureau of Radiation Protection, the Kings County has an average indoor radon concentration of 1.7 pCi/l. Given this information, radon is not considered a significant environmental concern within the subject building.

2.16 ELECTROMAGNETIC FIELDS

Although there are currently no regulations concerning the proximity of residential structures to major sources of electromagnetic fields (EMFs) such as overhead high tension wires, high levels of EMFs are an unresolved public health issue. Some recent studies have linked the presence of elevated EMFs to an increased risk of certain cancers and other illnesses. Although studies are ongoing and no definitive conclusions have been reached, the existing evidence indicates that potential health risks may exist for individuals who are exposed to these fields. In any case, the general perception of a risk associated with major sources of EMFs can reduce the marketability and value of real estate.

No high tension wires or substations were noted on or adjacent to the Subject Property.

2.17 NEIGHBORING PROPERTIES

The properties surrounding the subject site are residential and commercial in nature. Property usage directly adjoining or nearby is as follows:

North of the subject site:	***Current Usage***	***Past Usage***
• Apartment Building , adjoining	Residential	Residential
• Driggs Avenue	Roadway	Roadway
South of the subject site:		
• Apartment Building, adjoining	Residential	Residential
• Manhattan Avenue	Roadway	Roadway
East of the subject site:		
• Leonard Street, adjoining	Roadway	Roadway
• 496 Leonard Street	Commercial	Commercial
West of the subject site:		
• Manhattan Avenue, adjoining	Roadway	Roadway
• McCarren Park	Public Park	Public Park

Due to the benign usage at the surrounding properties, they should not have the potential to present a recognized environmental condition at the Subject Property. None of the adjoining properties are associated with any NYSDEC or USEPA Superfund List.

3.0 CLIENT PROVIDED DOCUMENTS

The following section summarizes information provided by the client, 501 Leonard Realty Co., with regard to this Phase I ESA. Additionally, the ASTM Questionnaire was forwarded to the designated client contact. The Questionnaire has not been completed and returned to our offices; however ***LEA*** staff completed the Questionnaire pertaining to the site inspection, which can be found in Appendix G of this report. The Questionnaire is intended to assist in gathering information that may be pertinent to identifying recognized environmental conditions relating to the Subject Property.

3.1 TITLE RECORDS

Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of past owners. A "Chain of Title" is a continuous record of ownership for a specific parcel. Title record information associated with the Subject Property has not been provided to ***LEA*** by 501 Leonard Realty Co., and is beyond the scope of this report.

3.2 ENVIRONMENTAL LIENS, ACTIVITY, AND USE LIMITATIONS

501 Leonard Realty Co. has provided no information regarding environmental liens, activity, or use limitations in connection with the Subject Property.

3.3 SPECIALIZED KNOWLEDGE

501 Leonard Realty Co. has provided no specialized knowledge that pertains to recognized environmental conditions in connection with the Subject Property. ***LEA*** was provided with a previous environmental study conducted by Pressly and Associates, Inc., dated September 2012, see Appendix G. This study has been reviewed by ***LEA*** and a brief synopsis is as follows:

- According to an E-designation for the property identified in the database report, the Subject Property building was constructed in 1925.
- Based on a GPR survey, the gasoline USTs depicted in the 1942 Sanborn map are no longer present.
- No tanks were observed in the small basement.
- Conditions of a release or a threatened release were not identified for the Subject Property.

3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

501 Leonard Realty Co. has provided ***LEA*** with no commonly known or reasonably ascertainable information within the local community about the environmental integrity of the Subject Property.

3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

501 Leonard Realty Co. has provided no information to ***LEA*** regarding valuation reduction for environmental issues in connection with the Subject Property.

3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

501 Leonard Realty Co. provided ***LEA*** with contact information for access to the Subject Property. The site inspection was conducted assisted by Mr. Nicholas Notias, the property owner, and Mr. Kaz Kowalski, the current tenant.

3.7 REASON FOR PERFORMING THIS PHASE I ESA

501 Leonard Realty Co. retained ***LEA*** to complete this Phase I Environmental Site Assessment in connection with a real estate transaction.

4.0 REVIEW OF REGULATORY AGENCY RECORDS AND DOCUMENTS

To determine if the Subject Property was listed, known, or suspected of being a hazardous waste site, federal and state databases were reviewed. In addition, a Freedom of Information Letter (FOIL) was sent to the New York City Department of Environmental Protection (NYCDEP) requesting a review of any records that may have been maintained by the agencies concerning the Subject Property.

The records search was conducted by Toxics Targeting, Inc. meeting the specific requirements of ASTM Standard Practice for Environmental Site Assessments, E-1527-05, including those associated with governmental databases, search distances, and data currency.

4.1 USEPA NATIONAL PRIORITY LIST AND CERCLA SITES

4.1.1 USEPA NPL Superfund Sites

The USEPA maintains a database of unmanaged and/or forsaken hazardous waste sites. The database is known as the National Priority List (NPL). Sites included in this list are given priority by the USEPA for remedial action under the Federal Superfund Program. A particular site will be included on the NPL if it equals or exceeds an established "hazard classification system" score, or if it was designated as a top environmental priority site, in a particular State. A site is classified as an NPL site if all of the following criteria are satisfied:

1. The U.S. Department of Health & Human Services issues a health advisory recommending that people be evacuated from the site to avoid exposure.
2. The USEPA determines that the site was a potentially significant environmental hazard.
3. The USEPA determines that site remediation was more cost-effective than removal.

There is one (1) NPL listed site located within a one-mile radius of the Subject Property. Newtown Creek, ID #NYN000206282, is a 3.8-mile long waterway, with confirmed contamination by numerous metals, VOCs, SVOCs (including polycyclic aromatic hydrocarbons, and polychlorinated biphenyls). This site is located 5,272 feet hydraulically cross-gradient from the Subject Property, and therefore; should not pose a recognized environmental condition.

4.1.2 USEPA CERCLA Sites

The USEPA Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 was designed to allow the federal government to directly address any potential release of hazardous waste that may endanger public health or welfare; in order to "provide for liability, compensation, clean-up, and emergency response for hazardous substances released into the environment and clean-up of inactive hazardous waste disposal sites".

Examination of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database indicates that the subject site is not listed in the CERCLIS database. There is one CERCLIS listed sites located within a ½-mile radius of the Subject Property. City Barrel, ID# NYD068298835, is located 1,270 feet hydraulically side gradient from the Subject Property. This facility is classed as a No Further Remedial Activity Planned (NFRAP) site. Due to this sites hydraulically side-gradient location, relative to the Subject Property, it should not present a recognized environmental condition.

4.2 NYSDEC INACTIVE HAZARDOUS WASTE DISPOSAL SITES

The NYSDEC publishes a quarterly and annual report entitled "Inactive Hazardous Waste Disposal Sites in New York State" (IHWD), 2011, which lists all properties that have been found to contain, or are suspected of containing, significant amounts of hazardous or toxic contamination in one form or another.

A review of the annual report, quarterly updates, and reports from 1992 to 2010 indicates that the Subject Property is not listed as being an IHWD site. There are 14 listed IHWD sites within a one-mile radius of the Subject Property, four of which may be considered up-gradient from the Subject Property. However, due to these sites distance from the Subject Property, and their close proximity to the Newtown Creek, it is unlikely that these sites would pose a recognized condition at the Subject Property.

A synopsis of the up-gradient IHWD sites is as follows:

♦ ***Acme Steel/Metal Works ID #224131 3,425 feet hydraulically up-gradient***

- Confirmed groundwater contamination by Trichloroethene (TCE). No remedial activities have yet taken place at this site.

♦ ***Former Klink Cosmo Cleaners ID #224130 3,495 feet hydraulically up-gradient***

- Confirmed groundwater contamination by Tetrachloroethene (PCE). No remedial activities have yet taken place at this site.

♦ ***Acme Steel/Brass Foundry ID #224132 3,884 feet hydraulically up-gradient***

- Confirmed groundwater contamination by TCE and PCE. No remedial activities have yet taken place at this site.

♦ ***K – Greenpoint MGP – Energy Center ID #224052 5,248 feet hydraulically up-gradient***

- Confirmed soil contamination by Napthalene, Pyrene, Benzene, Benzo(a)pyrene, and coal tar. No remedial activities have yet taken place at this site.

4.3 NYSDEC HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES

The NYSDEC Hazardous Substance Waste Disposal Sites (HSWD) database was reviewed to determine if the Subject Property or any site located within a one-mile radius of the Subject Property is listed as a HSWD Site. This database lists properties that are currently under study by the NYSDEC Division of Hazardous Waste Remediation, for inclusion into the IHWD program, as described in section 4.2.

After a thorough investigation, it was determined that the Subject Property is not listed as a HSWD site. There is one listed HSWD site located within a one-mile radius of the Subject Property. City Barrel, ID #840A-0000-409, located 1,274 feet hydraulically side gradient from the Subject Property, is listed with no threat to the environment or public health, therefore does not pose a recognized environmental condition.

4.4 NYS BROWNFIELDS SITES

The New York State (NYS) Brownfields Program was developed for sites that are abandoned, idle, or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. Programs included in the 2011 Brownfields Cleanup Program (BCP) are the Voluntary Cleanup Program (VCP) and the Environmental Restoration Program (ERP).

After a thorough investigation, it was determined that the Subject Property is not listed as a Brownfields site. There is one site listed as a Brownfields site within a one-mile radius of the Subject Property. K-Wythe Ave Station, ID #C224069, is currently undergoing a Site Characterization, and is located 2,002 feet hydraulically down-gradient from the Subject Property. Due to the hydraulic location of this site, relative to the Subject Property, it should not present a recognized environmental condition.

4.5 NYS LANDFILLS AND SOLID WASTE FACILITIES

The database of NYS Landfills identified two Solid Waste Facilities located within a ½-mile radius of the Subject Property. Lostritto & Calandrillo, ID #24T23, is located 2,149 hydraulically side-gradient from the Subject Property. National Paper Stock Cart, ID #24T91, is located 2,284 feet hydraulically down-gradient from the Subject Property. Both of these facilities are listed as large transfer stations for demolition, paper, and putrescible wastes. Due to the type of waste handled, the geographic and hydraulic location relative to the Subject Property, none should pose a recognized environmental condition.

4.6 NYSDEC SPILL AND LEAKING UST FILE

The NYSDEC Spill File was investigated for records of spills and leaking USTs located hydraulically up-gradient of the Subject Property. A summary is presented in the table below

NYSDEC Active Spills and Leaking USTs
Greenpoint, Brooklyn, New York, hydraulically up-gradient of the Subject Property

NYSDEC Spill #	Spill Type	Spill Name	Spill Location	Distance (feet)/ Direction from Site*
#9007766	Gasoline and MTBE leaked to soil and groundwater	Mobil S/S #17-FX9	550 Humboldt Street	1,455/up
#1205075	Petroleum spilled to soil	John Huley	498 Leonard Street	153/up
#1011266	Gasoline spilled to soil	Sunoco Service Station	550 Humboldt Street	1,462/up

*Direction noted is in relation to the hydraulic gradient of the groundwater flow.

4.6.1 NYSDEC On-Site Listed Spills and Leaking Underground Storage Tanks

There are no closed or active NYSDEC listed spills or leaking underground storage tanks (USTs) located at the Subject Property.

4.6.2 NYSDEC Off-Site Listed Spills

There are nine active NYSDEC listed spills located within a ½-mile radius of the Subject Property. Two of these spills are located hydraulically up-gradient from the Subject Property. The spill known as 'John Huley', ID #1205075, is located 153 feet hydraulically up gradient from the Subject Property, and may pose an environmental condition. Due to the geographic and hydraulic locations of the remaining spills, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

4.6.3 NYSDEC Off-Site Listed Leaking Underground Storage Tanks

There are three active NYSDEC listed leaking USTs located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

4.7 NYSDEC Registered Chemical Bulk Storage, Major Oil Storage, and Petroleum Bulk Storage Facilities

The NYSDEC publishes a listing of all registered Chemical Bulk Storage (CBS), Major Oil Storage (MOS), and Petroleum Bulk Storage (PBS) Facilities in New York State, every year. This listing was investigated to determine whether the Subject Property or any adjoining properties are listed as such facilities.

After a thorough investigation, it was determined that neither the Subject Property nor any adjoining property is listed at the NYSDEC as a CBS, MOS, or PBS Facility.

4.8 NYS and USEPA RCRA Hazardous Waste Generators, Transfer, Storage, and Disposal Sites and CORRACT Sites

Resource Conservation and Recovery Act (RCRA) 42 U.S.C. §6901 et seq. (1976) The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

4.8.1 NYS and USEPA RCRA Generators

The NYS and USEPA listing of Resource Conservation and Recovery Act (RCRA) Hazardous Waste Generators, dated 2011, was reviewed to determine whether the Subject Property or any adjoining properties are listed as State Facilities. After a thorough investigation, it was determined that the Subject Property and one adjoining property are listed as RCRA Hazardous Waste Generators. Lvstig Bros Inc., ID #NYD001235951, located onsite, is historically listed as a Large Quantity Generator in 1980; although, no hazardous waste activity was reported by New York State. The presence of a RCRA Hazardous Waste Generator listing onsite poses a recognized environmental condition. HT Jewelry MFG, ID #NYR000060665, adjoining to the south and 90 feet hydraulically side-gradient from the Subject Property, is listed as a Small Quantity Generator, having generated 110-gallons of solid waste that exhibits the characteristic of corrosivity in 1998. Due to the type of waste generated and the hydraulically side-gradient location relative to the Subject Property, this site should not pose a recognized environmental condition.

4.8.2 NYS and USEPA RCRA TSD Sites and CORRACT Sites

The NYS and USEPA 2011 listing of Resource Conservation and Recovery Act (RCRA) Facilities with Corrective Actions (CORRACTs) and the NYSDEC 2010 listing of RCRA Treatment, Storage, and Disposal (TSD) Sites was reviewed to determine whether the Subject Property or properties within a one-mile radius are listed as state or federal facilities. After a thorough investigation, it was determined that the Subject Property is not listed as a RCRA TSD or CORRACT site. There are two properties within a one-mile radius listed as RCRA CORRACT sites. Due to the geographic and hydraulic locations relative to the Subject Property, these sites should not pose a recognized environmental condition.

A synopsis of the nearby CORRACT sites are as follows:

♦ ***Quanta Site Admin GRP ID #NYD980592562 4,995 feet hydraulically cross-gradient***

- Listed as a small quantity generator and a treatment, storer and disposal facility.
- Most recent CORRACTS event, 2007, states 'Date for remedy selection (CM imposed)'.

♦ ***Radiac Research Corp. ID #NYD049178296 5,155 feet hydraulically down-gradient***

- Listed as a large quantity generator and a treatment, storer and disposal facility.
- Corrective Action process was terminated in 2009.

4.9 USEPA EMERGENCY RESPONSE NOTIFICATION SYSTEM

The USEPA maintains a database of all spills to which the agency has responded. This database was investigated to determine the presence of an emergency response at the Subject Property.

After an investigation according to street address, it was determined that the Subject Property is not listed on the ERNS database.

4.10 USEPA TOXIC RELEASE INVENTORY SITES

Section (§) 313 of the Emergency Planning and Community Right-to-Know Act (also known as Title III) of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Public Law 99-499) requires the USEPA to establish an inventory of toxic chemical emissions from certain facilities. The reporting requirement applies to owners and operators of facilities that have ten or more full-time employees that are in Standard Industrial Classification (SIC) codes 20 through 39 (i.e., manufacturing facilities) and that manufacture, import, process, or otherwise use a listed toxic chemical in excess of specified threshold quantities. Inclusion in the list does not necessarily indicate that there has been a release of a toxic material to the environment at the site, only that listed chemicals have been used.

After a thorough investigation, it was determined that the Subject Property is not listed as a TRI Facility. There is one site listed as a TRI Facility within a ¼-mile radius of the Subject Property. Carter Spray Finishing Corp., EPA Tri ID #11222CRTRS65ECK, listed with releases of Trichloroethylene and 1,1,1-Trichloroethane between 1990 and 2001. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

4.11 NYS WASTEWATER DISCHARGE SITES

Wastewater treatment is one of the most common forms of pollution control. Its basic function is to speed up the natural purification processes. In many instances wastewater treatment is a two-stage process. In the primary stage of wastewater treatment, solids are allowed to settle and are then removed from wastewater. The secondary stage allows biological processes to further purify wastewater. The NYSDEC database identifies nearby Wastewater Discharge Facilities.

After a thorough investigation, it was determined that neither the Subject Property nor any property within a ⅛-mile radius is listed as a Wastewater Discharge Site.

4.12 USEPA AIR DISCHARGE SITES

The USEPA Aerometric Information Retrieval System (AIRS) database lists information on each air emission facility and indicates the type of air pollutant emission. Compliance information is also provided on each pollutant as well as the facility itself.

After a thorough investigation, it was determined that the Subject Property is not listed as an Air Discharge Site. There are two sites (one listed three times) located within a ¼-mile of the Subject Property listed as Air Discharge Sites. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

A synopsis of the nearby Air Discharge Sites is as follows:

♦ ***Carter Spray Finishing Corporation ID #3604700815 265 feet east***
- Listed in compliance for the emissions of VOCs.

♦ ***Carter Spray Finishing Corp. ID #NYD001547397 265 feet east***
- No air pollutant information was given.

♦ ***Carter Spray Finishing Co. ID #NY047X381 265 feet east***
- No air pollutant information was given.

♦ ***Carter Spray Finishing Co. ID #3604701044 396 feet east-northeast***
- Listed in compliance for the potential uncontrolled emissions of VOCs.

4.13 USEPA CIVIL AND ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES

This Civil and Administrative Enforcement Docket database is the USEPA's system for tracking administrative and judiciary cases filed on behalf of the agency by the Department of Justice.

After a thorough investigation, it was determined that the Subject Property is not listed as a Civil and Administrative Enforcement Docket site. There is one property located within a ⅛-mile radius listed as a Civil & Administrative Enforcement Docket site. Carter Spray Finishing Corp., ID #NYD001547397, was in violation of the Emergency Planning and Community Right to Know Act (Section 313) in March, 1992. This case was concluded in June, 1992, and should not present a recognized environmental condition at the Subject Property.

4.14 FEDERAL ENGINEERING CONTROL AND INSTITUTIONAL CONTROL REGISTRIES

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the instructional controls.

Neither the Subject Property nor any property located within a ½-mile radius of the Subject Property was identified on Federal Engineering Control or Institutional Control Registries.

4.15 TRIBAL LANDS

There are no Tribal Lands within a one-mile radius of the Subject Property. This was further confirmed by a search of Federal and State Tribal Land records, please refer to Figure 8.0.

4.16 ORPHAN SITES

Orphan Sites are facilities that have been identified on the Toxics Targeting Inc (TTI) Environmental Database Report; however, due to poor or inadequate address information, the facilities could not be mapped by TTI with relation to the Subject Property. Orphan Sites identified on the Database Report were reviewed, and none appear to be located at the Subject Property.

4.17 REGULATORY AGENCY DOCUMENTS REQUESTS

On January 2, 2013, ***LEA*** mailed a request to the New York City Department of Environmental Protection (NYCDEP) to view any records pertaining to the environmental condition of the Subject Property under the Freedom of Information Act (FOIA).

On January 11, 2013, ***LEA*** received a response from the NYSDEP dated January 4, 2013, confirming the receipt of the records request. However, as of January 15, 2013, ***LEA*** has not yet received a response from the NYCDEP stating whether records relevant to the environmental integrity of the Subject Property are available. If the agency is found to maintain such records, ***LEA*** will forward the information in the form of an addendum to 501 Leonard Realty Co..

5.0 SITE HISTORY

According to the New York City Department of Building records, and Sanborn Fire Insurance Maps, past and present uses of the Subject Property are as follows:

1942	Sanborn Historical maps show the Subject Property to be occupied by a service station with two gasoline tanks in the northeast corner.
1951	Sanborn maps depict the property as maintaining a furniture assembly and finishing building.
1997	A Certificate of Occupancy, #300223489, was issued for an automobile repairs, accessory office and accessory parking for 12 cars (inside the building), with a cellar boiler room. No welding & no spray painting to be performed.

Owner Interview:

According to Mr. Notias, the Subject Property has been occupied by Mr. Kowalski (501 Auto Center Inc.) since approximately 1972. According to Sanborn Fire Insurance maps, the building has been occupied by a furniture assembly and finishing facility since 1951, prior to which it was depicted as a service station.

Historical Usage Summary:

The Subject Property has been occupied since approximately 1942 as a service station. The current subject building was constructed circa 1931 for commercial purposes. Past usage of the subject site as a service station may present a recognized environmental condition at the Subject Property.

5.1 SANBORN FIRE INSURANCE MAP REVIEW

Sanborn® Fire Insurance Maps are an additional source of historical use information available for most developed areas. The maps were used for insurance purposes and indicate structures by name, type of construction, property usage, and address. ***LEA*** maintains Sanborn Fire Insurance Maps adequate for the Subject Property and surrounding areas. According to Sanborn Historical Maps reviewed from 1887 - 2007, past uses of the subject site and surrounding properties are as follows:

Date	Subject Property	Surrounding Properties			
		North	South	East	West
1887	Property is vacant	Undeveloped lots *Van Cott Street*	Undeveloped lots *Van Pelt Street*	*Roadway* Undeveloped lots	*Roadway* Undeveloped lots
1905	No change	Undeveloped lots *Driggs Avenue*	Undeveloped lots *Manhattan Avenue & Engert Avenue*	*Leonard Street* Undeveloped lots	*Manhattan Avenue* Undeveloped lots
1916	Property lot is split; the southern half is undeveloped, the northern half maintains 'Moving Pictures' and a 'Taxi Cab Co.'	'Moving Pictures' *Driggs Avenue*	Undeveloped *Manhattan Avenue & Engert Avenue*	*Leonard Street* Powel Iron Warehouse	*Manhattan Avenue* Pak Dept. Building & City Playground
1942	Depicted as a Service Station, with two gasoline tanks in the northeast corner.	Maintains a garage/filling station with 4x gasoline tanks, with a used cars lot. *Driggs Avenue*	Garage for '50' cars, filling station. *Manhattan Avenue & Engert Avenue*	*Leonard Street* Dyeing and Cleaning building with two gasoline tanks.	*Manhattan Avenue* City Playground
1951	Depicted as a Furniture Assembling and Finishing building	No change	No change	No change	No detail
1965	No change	Used car lot is no a parking lot. *Driggs Avenue*	No change	No change	*Manhattan Avenue* City Playground
1978 to 1983	No change	No change	Manufacturing building *Manhattan Avenue & Engert Avenue*	*Leonard Street* Warehouse	*Manhattan Avenue* Nothing depicted
1986 to 2003	No change	4x gasoline tanks are not present. *Driggs Avenue*	No change	No change	No change
2004	No change	Parking lot *Driggs Avenue*	No change	No change	No change
2005	No change	Parking lot, garage and repair *Driggs Avenue*	No change	No change	No change
2006	No change	Undeveloped *Driggs Avenue*	No change	No change	No change

5.2 HISTORICAL TOPOGRAPHIC MAP REVIEW

Historical Topographic Maps are an additional source of useful information regarding historical site usage. The maps are generated and updated by the United States Geological Survey (USGS). Scale for the maps ranged from 1:24,000 to 1:62,500. The general elevation of the subject site and surrounding areas was noted as approximately 15 feet above sea level. ***LEA*** maintains Historical Topographic Maps in their Historical Database adequate for the Subject Property and surrounding areas.

A review of historical topographical maps from 1900 and 1967 did not show detailed information as to historical structures and usage of the Subject Property.

5.3 HISTORICAL AERIAL PHOTOGRAPH REVIEW

Aerial Photographs are often taken annually or bi-annually by government agencies or private entities and may be used to evaluate changes in land use patterns at specified dates to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Subject Property and vicinity was conducted by ***LEA***. It should be noted that the scale of the available aerial photographs precludes the distinct identification of structures and/or land uses on or in the vicinity of the Subject Property.

A review of aerial photographs from between 1924 and 2006 showed the following:

In the photograph from 1924, it seems as though the current building is not present, and the property is used for vehicle storage, although actual usage could not be determined from this photograph. In this photograph it seems as though the property is flanked to the south and northwest by large commercial or industrial buildings. In the photographs from 1954, 1966, 1975, 1984, 1994, 1995, and 2006, the Subject Property maintains a building with the same layout as seen today, with buildings similar in size adjoining to the south and northeast. Specific on-site operations could not be determined from the aerial photographs. Further surrounding properties seem to be industrial and commercial with buildings similar in size to the subject site.

5.4 NYC ACRIS RECORDS

The NYC Automated City Register Information System (ACRIS) maintains property records and document images for the five boroughs from 1966 to the present. The database was searched and is included in the table below.

Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Doc Amount
7	ENTIRE LOT	12/19/2012 1:53:12 PM	ASSIGNMENT OF LEASES AND RENTS	8	501 LEONARD STREET LLC	501 LEONARD REALTYCORP.	2,000,000
7	ENTIRE LOT	12/19/2012 1:53:11 PM	MORTGAGE	10	501 LEONARD STREET LLC	501 LEONARD REALTYCORP.	2,000,000
7	ENTIRE LOT	12/19/2012 1:53:10 PM	DEED	5	501 LEONARD REALTYCORP.	501 LEONARD STREET LLC	3,500,000
7	ENTIRE LOT	12/19/2012 1:53:09 PM	SATISFACTION OF MORTGAGE	4	501 LEONARD REALTY CORP.	QUARTIERE, DON	0
7	ENTIRE LOT	3/8/1999	AGREEMENT	11	LUSTIG, BARRY	501 LEONARD REALTY CORPORATION	0
7	ENTIRE LOT	7/8/1998	ASSIGNMENT, MORTGAGE	3	QUARTERE, DON	LUSTIG, BARRY	0
7	ENTIRE LOT	10/19/1993	SATISFACTION OF MORTGAGE	3	BURAK, ELIAS	TITLE GUARANTEE & TRUST	0
7	ENTIRE LOT	10/4/1993	MORTGAGE	10	501 LEONARD REALTY CORP	QUARTIERE, DON	220,000
7	ENTIRE LOT	10/4/1993	DEED	2	LUSTIG, BARRY	501 LEONARD REALTY CORP	0
7	ENTIRE LOT	2/24/1989	DEED	3	LUSTIG BROS INC	LUSTIG, WALTER	0
7	ENTIRE LOT	2/24/1989	DEED	3	LUSTIG, WALTER	LUSTIG, BARRY	0

5.5 LITTLE E DESIGNATION SITES

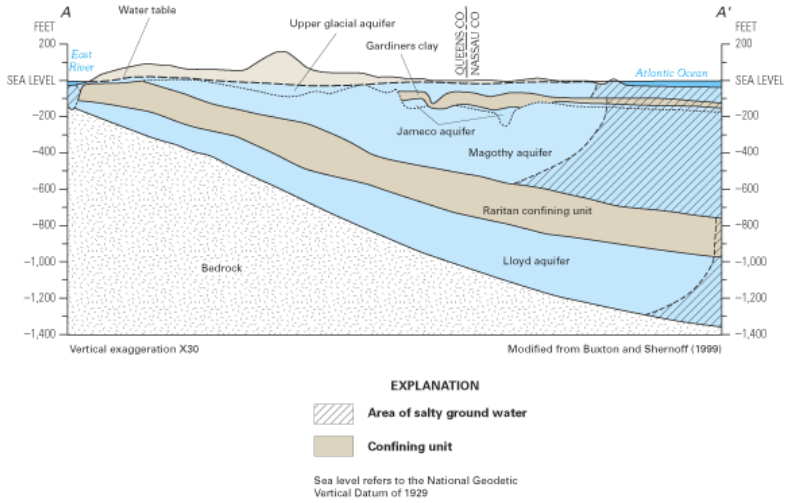
Lots designated with an "E" on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts. The NYC records were searched thoroughly and ***LEA*** has determined the Subject Property is designated as a Little "E" site. Known as '544 Manhattan Avenue', ID #820A-0001-821, the subject site is listed under CEQR No. 04DCP003K for underground gasoline storage tanks testing protocol, effective from May 2005.

6.0 FAIR MARKET VALUE

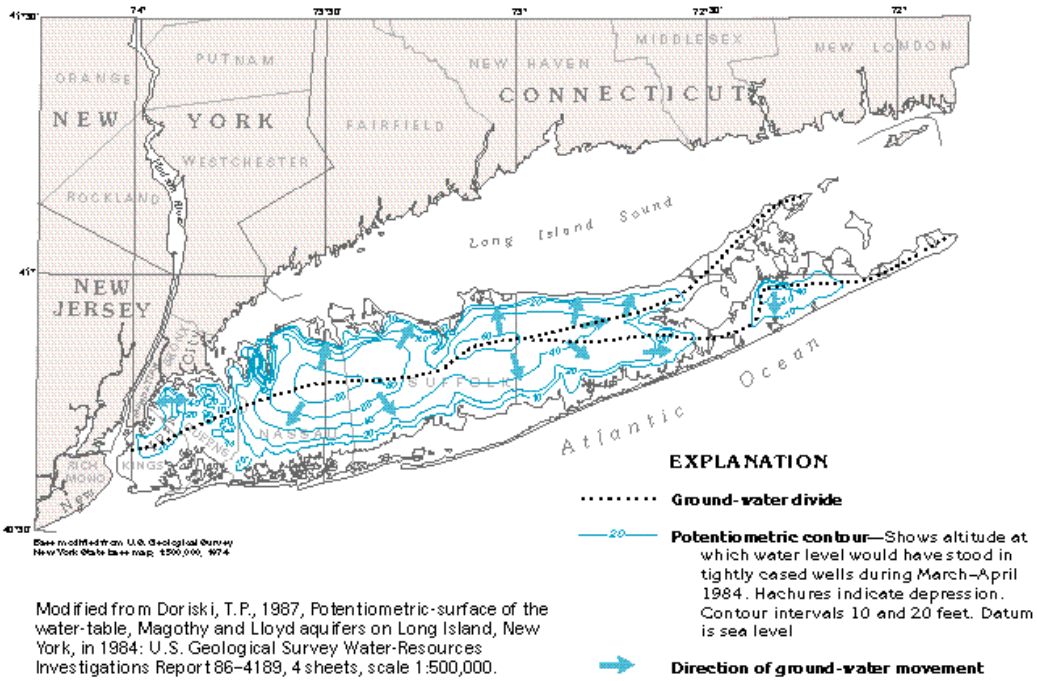
The Subject Property is not for sale; therefore an evaluation of the environmental integrity of the property cannot be made based upon market value.

7.0 SITE HYDROGEOLOGY

Kings County is located in the Atlantic Coastal Plain physiographic province that is characterized by low hills of unconsolidated sands, gravel, and silt. According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel, and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan, and Lloyd Formations. The Gardeners clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the southwest portion of Long Island. Due to less surfacial contamination and higher well yields, the Magothy aquifer is the main supply for drinking and industrial water. Consequently, the USEPA has identified it as a Sole Source Aquifer. The subject site is in the Upper Glacial aquifer. Pump test data suggests hydraulic conductivity between the Magothy and Upper Glacial aquifers. However, discontinuous clay lenses may prevent this interaction in some areas.



According to groundwater contour maps provided by the NYCDEP and the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by ***LEA*** in the area, the Subject Property has an elevation of approximately 15 feet above mean sea level. Regional groundwater is estimated to be 6 feet below grade at the Subject Property and flowing in an easterly direction, towards the East River. A site specific hydrogeologic study is warranted to confirm localized on-site groundwater flow direction, which is beyond the scope of this report.



Modified from Doriski, T.P., 1987, Potentiometric-surface of the water-table, Magothy and Lloyd aquifers on Long Island, New York, in 1984: U.S. Geological Survey Water-Resources Investigations Report 86–4189, 4 sheets, scale 1:500,000.

Figure 72. The potentiometric surface of the upper glacial aquifer slopes gently to the north and south from a central high, except in the western part of the island where ground-water withdrawals have lowered the water table and created cones of depression.

7.1 GROUNDWATER USE

No active drinking water wells were noted at the Subject Property or at any of the adjoining sites during the site inspection, although it remains possible that private wells exist. The subject building, as well as the buildings in the vicinity of the subject site, is served with municipal water from the City of New York . Groundwater is not utilized for any purpose at the subject site. ***LEA*** observed a single monitoring well in the sidewalk off the eastside of the Subject Property at the time of our site reconnaissance.

The subject site is not located within 1,000 feet of a 100 year floodplain.

8.0 SUMMARY OF FINDINGS FROM RECONNAISSANCE AND RESEARCH

Based on the completion of the Phase I Environmental Site Assessment, ***Laurel Environmental Associates, Ltd.*** has come to the following conclusions:

- The Subject Property maintains one (1) one-story brick and masonry commercial use building with a footprint of approximately 8,000 square feet, encompassing its entire parcel. The building also maintains a small basement in the northeast corner, although no access to this area was granted by the current tenant. The building was constructed circa 1931 for commercial purposes, is currently used for automotive repair and bodywork, and straddles a parcel between Leonard Street and Manhattan Avenue. The site is relatively flat, and is covered exclusively with the building, with no external paved of landscaped areas present. The Subject Property is located in a mixed use area of the Greenpoint section of Kings County, New York.

- The building is serviced with public water from the City of New York and with electricity and natural gas from Consolidated Edison. The subject building is heated by two ceiling-mounted natural gas-fired infrared heaters.

- Housekeeping was noted to be good in the southern section of the building, but poor throughout the northern section of the building; with chemicals, lubricants, automobile parts and tools observed haphazardly stored, and generally scattered about the property. Light, typical staining of the concrete floor was noted throughout the building, but is not considered a significant issue.

- The Subject Property does not support any vegetation, as the building encompasses the entire parcel.

- Sanitary waste has been handled by public sewer since construction of the subject building circa 1931.

- Storm water and roof run-off is handled by runoff to Leonard Street and Manhattan Avenue.

- One floor drain was noted within the subject building, located in the southern section. The final discharge point for the floor drain is unknown, but is likely to municipal sewer. There was a small 2" diameter hole observed in the slab in the southern section of the building, which, according to Mr. Kowalski was formerly used for exhaust extraction. Furthermore, concrete patching, indicative of a former trench drain, was observed running north-south in the southeast quadrant of the Subject Building. Additionally, there was a steel covered drainage pit located on the south side of the subject building. Finally, there were two steel covered sewer cleanout pits located on the east side and north side of the subject building, with a single sewer cleanout port also located on the east side of the building. There was no signs of staining, significant odors, or sheens noted in or around any of the drainage structures.

- The subject building is currently occupied by 501 Auto Center Inc., and is used for auto repair and bodywork purposes.

- The Subject Property has been used for commercial purposes since construction circa 1931. According to Sanborn Fire Insurance Maps former occupants have included a 'Furniture Assembling and Finishing' facility, a 'service station', and an outdoor drive-in movie theatre. The southern section of the building had most recently been occupied by a motorcycle fabrication company.

- Chemical storage at the Subject Property was noted as numerous containers of varying sizes, containing motor oils, hydraulic oils, lubricants, industrial hand cleaners, and spray paints, all found in the northern section of the subject building. Chemicals were found haphazardly stored throughout, mostly in the original manufacturer's packaging, although some containers were not correctly labeled, making their contents unknown.

- No biohazardous waste is generated or stored at the Subject Property.

- Two solid covered plastic 55-gallon drums were noted within the subject building. The drums were found stored on the concrete flooring with inadequate secondary containment. One drum was observed with no label, with the other labeled as containing 'Gleem', which is understood to be an industrial car wash solution. There were no signs of staining or leakage from any of the drums.

- No fill ports and/or vent pipes, which indicate the presence of USTs or ASTs, were noted at the Subject Property at the time of the site inspection. Based upon our site reconnaissance, interviews, and review of state and local records, ***LEA*** identified no evidence of existing USTs at the Subject Property. According to Sanborn Fire Insurance maps, the subject building maintained two gasoline tanks in its northeast corner in 1942. A GPR survey of the northeast corner of the building, conducted by X-Ray Locating Service, Inc., as part of a Phase I EAS by Pressley and Associates, Inc. in September 2012, concluded that no tanks exist in that area of the property. Furthermore, ***LEA*** was provided with a Petroleum Bulk Storage Application, completed in August 2012 by the current tenant (and then owner) Mr. Kaz Kowalski, and returned to Mr. Kowalski by the NYSDEC after being deemed incomplete. This document can be found in Appendix H. Based on the GPR surveys conducted by ***LEA*** and X-Ray Locating Service, Inc., as well as information provided by the current owner, Mr. Notias, it has been concluded that this PBS Application was unnecessarily and incorrectly completed, as not USTs exist at the Subject Property. Finally, a portable 35-gallon waste oil tank was observed in the service and repair area during ***LEAs*** inspection. Oil staining was observed on the ground surrounding the tank, which had seemingly been treated with an absorbent material.

- No emergency generators and associated tanks were observed during our site reconnaissance.

- There are no pad or pole-mounted transformers located at the Subject Property.

- Non-friable suspect asbestos containing materials were noted as 'Bell' ceiling panels in the southern section, found in good condition, and roofing materials. Friable suspect asbestos containing materials were noted as approximately 2 feet of linear pipe wrapping, found in poor condition, located in the northeast section of the subject building.

- Based on the non-residential use of the existing building and a lead-based paint survey was not conducted at the subject site. Due to the age of the building, lead-based paint may be present within the subject building. Painted surfaces were in good condition at the time of the site inspection.

- Based on ***LEA's*** limited observations, there was no visible evidence of mold and/or mold related odors at the time of the site inspection. Minor water damage was observed on ceiling materials in the northeast corner of the subject building.

- According to maps provided by the NYSDEC, the Subject Property does not reside within a fresh water or tidal wetlands area. An inspection of the Subject Property by ***LEA*** did not observe the presence of wetlands within its boundaries. There are no documented wetlands located within a ¼-mile radius of the Subject Property.

- According to monitoring data completed by the NYS Department of Health, Bureau of Radiation Protection, the Kings County has an average indoor radon concentration of 1.7 pCi/l. Given this information, radon is not considered a significant environmental concern within the subject building.

- No high tension wires or substations were noted on or adjacent to the Subject Property.

- Due to the benign usage at the surrounding properties, they should not have the potential to present a recognized environmental condition at the Subject Property. None of the adjoining properties are associated with any NYSDEC or USEPA Superfund List.

- There is one (1) NPL listed site located within a one-mile radius of the Subject Property. Newtown Creek, ID #NYN000206282, is a 3.8-mile long waterway, with confirmed contamination by numerous metals, VOCs, SVOCs (including polycyclic aromatic hydrocarbons, and polychlorinated biphenyls). This site is located 5,272 feet hydraulically cross-gradient from the Subject Property, and therefore; should not pose a recognized environmental condition.

- Examination of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database indicates that the subject site is not listed in the CERCLIS database. There is one CERCLIS listed sites located within a ½-mile radius of the Subject Property. City Barrel, ID# NYD068298835, is located 1,270 feet hydraulically side gradient from the Subject Property. This facility is classed as a No Further Remedial Activity Planned (NFRAP) site. Due to this sites hydraulically side-gradient location, relative to the Subject Property, it should not present a recognized environmental condition.

- A review of the annual report, quarterly updates, and reports from 1992 to 2010 indicates that the Subject Property is not listed as being an IHWD site. There are 14 listed IHWD sites within a one-mile radius of the Subject Property, four of which may be considered up-gradient from the Subject Property. However, due to these sites distance from the Subject Property, and their close proximity to the Newtown Creek, it is unlikely that these sites would pose a recognized condition at the Subject Property.

- After a thorough investigation, it was determined that the Subject Property is not listed as a HSWD site. There is one listed HSWD site located within a one-mile radius of the Subject Property. City Barrel, ID #840A-0000-409, located 1,274 feet hydraulically side gradient from the Subject Property, is listed with no threat to the environment or public health, therefore does not pose a recognized environmental condition.

- After a thorough investigation, it was determined that the Subject Property is not listed as a Brownfields site. There is one site listed as a Brownfields site within a one-mile radius of the Subject Property. K-Wythe Ave Station, ID #C224069, is currently undergoing a Site Characterization, and is located 2,002 feet hydraulically down-gradient from the Subject Property. Due to the hydraulic location of this site, relative to the Subject Property, it should not present a recognized environmental condition.

- The database of NYS Landfills identified two Solid Waste Facilities located within a ½-mile radius of the Subject Property. Lostritto & Calandrillo, ID #24T23, is located 2,149 hydraulically side-gradient from the Subject Property. National Paper Stock Cart, ID #24T91, is located 2,284 feet hydraulically down-gradient from the Subject Property. Both of these facilities are listed as large transfer stations for demolition, paper, and putrescible wastes. Due to the type of waste handled, the geographic and hydraulic location relative to the Subject Property, none should pose a recognized environmental condition.

- There are no closed or active NYSDEC listed spills or leaking underground storage tanks (USTs) located at the Subject Property.

- There are nine active NYSDEC listed spills located within a ½-mile radius of the Subject Property. Two of these spills are located hydraulically up-gradient from the Subject Property. The spill known as 'John Huley', ID #1205075, is located 153 feet hydraulically up gradient from the Subject Property, and may pose an environmental condition. Due to the geographic and hydraulic locations of the remaining spills, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

- There are three active NYSDEC listed leaking USTs located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

- After a thorough investigation, it was determined that neither the Subject Property nor any adjoining property is listed at the NYSDEC as a CBS, MOS, or PBS Facility.

- After a thorough investigation, it was determined that the Subject Property and one adjoining property are listed as RCRA Hazardous Waste Generators. Lvstig Bros Inc., ID #NYD001235951, located onsite, is historically listed as a Large Quantity Generator in 1980; although, no hazardous waste activity was reported by New York State. The presence of a RCRA Hazardous Waste Generator listing onsite poses a recognized environmental condition. HT Jewelry MFG, ID #NYR000060665, adjoining to the south and 90 feet hydraulically side-gradient from the Subject Property, is listed as a Small Quantity Generator, having generated 110-gallons of solid waste that exhibits the characteristic of corrosivity in 1998. Due to the type of waste generated and the hydraulically side-gradient location relative to the Subject Property, this site should not pose a recognized environmental condition.

- After a thorough investigation, it was determined that the Subject Property is not listed as a RCRA TSD or CORRACT site. There are two properties within a one-mile radius listed as RCRA CORRACT sites. Due to the geographic and hydraulic locations relative to the Subject Property, these sites should not pose a recognized environmental condition.

- After an investigation according to street address, it was determined that the Subject Property is not listed on the ERNS database.

- After a thorough investigation, it was determined that the Subject Property is not listed as a TRI Facility. There is one site listed as a TRI Facility within a ¼-mile radius of the Subject Property. Carter Spray Finishing Corp., EPA Tri ID #11222CRTRS65ECK, listed with releases of Trichloroethylene and 1,1,1-Trichloroethane between 1990 and 2001. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

- After a thorough investigation, it was determined that neither the Subject Property nor any property within a ⅛-mile radius is listed as a Wastewater Discharge Site.

- After a thorough investigation, it was determined that the Subject Property is not listed as an Air Discharge Site. There are two sites (one listed three times) located within a ¼-mile of the Subject Property listed as Air Discharge Sites. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

- After a thorough investigation, it was determined that the Subject Property is not listed as a Civil and Administrative Enforcement Docket site. There is one property located within a ⅛-mile radius listed as a Civil & Administrative Enforcement Docket site. Carter Spray Finishing Corp., ID #NYD001547397, was in violation of the Emergency Planning and Community Right to Know Act (Section 313) in March, 1992. This case was concluded in June, 1992, and should not present a recognized environmental condition at the Subject Property.

- Neither the Subject Property nor any property located within a ½-mile radius of the Subject Property was identified on Federal Engineering Control or Institutional Control Registries.

- There are no Tribal Lands within a one-mile radius of the Subject Property. This was further confirmed by a search of Federal and State Tribal Land records, please refer to Figure 8.0.

- On January 11, 2013, LEA ***received*** a response from the NYSDEP dated January 4, 2013, confirming the receipt of the records request. However, as of January 15, 2013, LEA has not ***yet*** received a response from the NYCDEP ***stating*** whether records relevant to the environmental integrity of the Subject Property are available. If the agency is found to maintain such records, ***LEA*** will forward the information in the form of an addendum to 501 Leonard Realty Co..

- Past usage of the subject site as a service station may present a recognized environmental condition at the Subject Property.

- A review of historical topographical maps from 1900 and 1967 did not show detailed information as to historical structures and usage of the Subject Property.

- In the photograph from 1924, it seems as though the current building is not present, and the property is used for vehicle storage, although actual usage could not be determined from this photograph. In this photograph it seems as though the property is flanked to the south and northwest by large commercial or industrial buildings. In the photographs from 1954, 1966, 1975, 1984, 1994, 1995, and 2006, the Subject Property maintains a building with the same layout as seen today, with buildings similar in size adjoining to the south and northeast. Specific on-site operations could not be determined from the aerial photographs. Further surrounding properties seem to be industrial and commercial with buildings similar in size to the subject site.

- The Subject Property is not for sale; therefore an evaluation of the environmental integrity of the property cannot be made based upon market value.

- According to groundwater contour maps provided by the NYCDEP and the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by ***LEA*** in the area, the Subject Property has an elevation of approximately 15 feet above mean sea level. Regional groundwater is estimated to be 6 feet below grade at the Subject Property and flowing in an easterly direction, towards the East River.

9.0 CONCLUSIONS

Based on the information developed and provided as part of this Phase I Environmental Site Assessment, ***LEA*** has reached the following conclusions regarding recognized areas of environmental concern at the Subject Property, 501 Leonard Street, Brooklyn, New York 11222:

Recognized Environmental Conditions	***Potential Impacts***
• Current and Historical property usage	Moderate Risk
• Possible Former USTs	Low Risk
• Poor Housekeeping/Chemical Storage	De Minimis Risk
• On-Site Hazardous Waste Generator listing	Moderate Risk
• Little 'E' Site for Underground Gasoline Storage Tanks	Moderate Risk
• Active Up-Gradient Spill	Moderate Risk

10.0 RECOMMENDATIONS

Based on the above conclusions ***LEA*** recommends the following:

7. Conduct a thorough Ground Penetrating Radar and Magnetometer survey in order to determine the presence, or lack thereof, of any former USTs or sub-grade structures.

8. Conduct soil borings around any marked anomalies, and at three additional locations, collect samples from 0'-2' below ground surface and two feet into clean material or 4' -6' below ground surface if contamination is not observed (2'-4' below proposed slab elevation).

9. Soil samples should be sent for laboratory analysis and tested for VOCs, SVOCs, TAL Metals, and PCBs.

10. Set one temporary monitoring well using a pre-pack well, and collect a groundwater sample. Collect a groundwater sample from the existing up-gradient monitoring well. Samples should be sent for laboratory analysis to test for VOCs, SVOCs, Metals, and PCBs.

11. Conduct a soil vapor sample set at 4' below ground surface (1' below proposed slab elevation) using 2 hour flow controllers and 6 liter summa canisters.

12. Send updated NYSDEC Petroleum Bulk Storage registration forms and fees indicating no USTs at the site.
1. Conduct a thorough Ground Penetrating Radar and Magnetometer survey in order to determine the presence, or lack thereof, of any former USTs or sub-grade structures.

2. Conduct soil borings around any marked anomalies, and at three additional locations, collect samples from 0'-2' below ground surface and two feet into clean material or 4' -6' below ground surface if contamination is not observed (2'-4' below proposed slab elevation).

3. Soil samples should be sent for laboratory analysis and tested for VOCs, SVOCs, TAL Metals, and PCBs.

4. Set one temporary monitoring well using a pre-pack well, and collect a groundwater sample. Collect a groundwater sample from the existing up-gradient monitoring well. Samples should be sent for laboratory analysis to test for VOCs, SVOCs, Metals, and PCBs.

5. Conduct a soil vapor sample set at 4' below ground surface (1' below proposed slab elevation) using 2 hour flow controllers and 6 liter summa canisters.

6. Send updated NYSDEC Petroleum Bulk Storage registration forms and fees indicating no USTs at the site.

Opinion of Impacts

The environmental professionals who have conducted the site visit and reviewed the results of the data collection effort have concluded that the aforementioned are "recognized environmental conditions". The recognized environmental conditions have been quantified based on a range of qualitative impacts on the soil, water, and air resources or structures on the Subject Property.

As per our contractual agreement, ***LEA*** has provided recommendations for further study above. It is up to the user of this report, based on the individuals risk tolerance, fiduciary responsibility, or the applicable law, to determine the extent of further inquiry.

11.0 LIMITATIONS

The purpose of this investigation was to identify potential sources of contamination at the Subject Property and to satisfy all appropriate inquiry standards set forth in Section 9601 (35)(b) of CERCLA. The findings and conclusions set forth in this report are based upon information that was available to ***LEA*** during the inspection of the property and review of selected records and documents. If new information becomes available concerning the environmental integrity of the Subject Property after this date, or if the Subject Property is used in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, ***LEA*** cannot guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject 501 Leonard Realty Co. to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of air, soil, and/or groundwater samples, which was beyond the scope of this investigation.

Limiting Conditions:

The preceding Environmental Site Assessment is subject to the following conditions and to such other conditions and limiting conditions as are set forth in the report.

1. ***Laurel Environmental Associates, Ltd.*** assumes no responsibility for hidden or latent conditions or misrepresentation by the property owner, his representatives, public information officials, or any authority consulted in connection with the compilation of this report.

2. This report is prepared for the sole and explicit purpose of assessing the potential liability with respect to the suspected presence of hazardous materials that may pose a potential health or environmental threat. It is also prepared for evaluating collateral risk associated with the same. This report is not intended to have any direct bearing on the value of the property.

3. The Environmental Site Assessment and the Environmental Site Assessment Report are for the sole use of the Principal Parties. No disclosure or reproduction shall be made of the preceding report without the prior written consent of ***Laurel Environmental Associates, Ltd.***

4. ***Laurel Environmental Associates, Ltd.*** or any representative of ***Laurel Environmental Associates, Ltd.*** is not required to give testimony with reference to the opinions expressed herein without prior written arrangement.

5. ***Laurel Environmental Associates, Ltd.*** cannot be liable for information known only to the site owner or operator and not shared with ***Laurel Environmental Associates, Ltd***.

12.0 TERMS AND CONDITIONS

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify, to the extent feasible pursuant to the processes described herein to recognize environmental conditions, which are significant adverse environmental concerns in connection with the Subject Property. This practice is intended to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability: that is, to undertake "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice." It also is intended to assist the user in developing information about the environmental condition of the Subject Property. This Phase I ESA is site specific in that it relates only to the environmental assessment of the property indicated herein.

12.1 SPECIAL TERMS AND CONDITIONS

This Phase I ESA was prepared essentially in accordance with ASTM Standards on Environmental Site Assessments: Phase I Environmental Site Assessment Process as set forth in E1527-05. No *environmental site Assessment* can wholly eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with a *property*. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for *recognized environmental conditions* in connection with a *property*, and this practice recognizes reasonable limits of time and cost.

12.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This Phase I ESA was not intended to be in strict accordance with ASTM, be all inclusive, identify all potential concerns, or eliminate the possibility that the Subject Property may have environmental problems. Although ***Laurel Environmental Associates, Ltd.*** has taken great care to identify such concerns or problems, it is possible that conditions un-permitted, undocumented, not observed, or otherwise concealed on the Subject Property could exist. Additional information which was not found or made available to ***LEA,*** may result in a modification of the conclusions and recommendations presented.

12.3 LIMITING CONDITIONS AND METHODOLOGY USED

This Phase I ESA was prepared in a manner consistent with the level of skill ordinarily exhibited by members of the environmental auditing profession in this geographic region. No representations, expressed or implied, and no warranty or guarantee is included or intended in connection with this report. ***LEA*** cannot be responsible for any unauthorized use of, any misrepresentation of the information, or the information contained in this report. The information contained in this report has been obtained from readily ascertainable public sources, interviews, and from visual observations of the Subject Property, that may have been limited by secured areas, overgrown vegetation, or by other obstructions. Although great care has been taken by ***LEA*** in compiling and checking the information contained in this report to ensure that it is current and accurate, ***LEA*** disclaims any and all liability for any errors, omissions, or inaccuracies of such information and data, whether attributable to an advertence or otherwise, and for any consequences arising there-from. It is understood that ***LEA*** makes no representations or warranties of any kind, including, but not limited to, the warranties of fitness for a particular purpose of merchantability, nor should any such representation or warranty be implied with the respect to customer, it is employees or agents use thereof. ***LEA*** shall not be liable for any special, consequential, or exemplary damages resulting in whole or in part from customer use of the data. Liability on the part of ***LEA*** is limited to the monetary value paid for this report. This report does not constitute a legal opinion.

13.0 REFERENCES

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14.0 DEFINITIONS

Abandoned Property – *property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the *property*.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or ground water on the property.

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property; or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

Aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.
See 8.3.4.1 of this practice.

All appropriate inquiry – that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA, 42 USC § 9601(35) (B), that will qualify a party to a *commercial real estate* transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 USC § 9601(35)(A) & (B) §9607(b) (3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.
See Appendix X1 of this practice.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona Fide prospective purchaser liability protection – (42 U.S.C. §9607(r) – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practice." Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiry on or before the date of purchase. The facility must have been purchased after January 11th, 2002.
See ASTM E1527-05 Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Brownfields amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 *et seq*.

Building department records – those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county. See 8.3.4.7.

Commercial real estate - any real *property* except a *dwelling* or *property* with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwelling for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial real estate transactions – a transfer of title to or possession of real property, except that it does not include transfer of title to or possession of real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by person or entities in the business of building or developing dwelling units.

Comprehensive Environmental Response, Compensation and Liability Information Systems (CERCLIS) – the list of sites compiled by USEPA that USEPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substance (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

Contiguous property owner liability protection-(42 U.S.C. §9607(q))-a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substance from other real property that is not owned by that person. Furthermore, such person conducted *all appropriate inquiry* at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a *release* or threatened release from the contiguous property. The all appropriate inquiry must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the *contiguous property owner liability protection*.
See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

CORRACTS list – a list maintained by EPA of hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA.

Data Failure – a failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.
See 8.3.2.3 of this practice.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to interview the key site manager, regulatory officials, etc.)
See 12.7 of this practice.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Drum – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substance or petroleum products.

Drywells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

Dwelling-structure or portion thereof used for residential habitation.

Engineering controls – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property.

Environmental lien – a charge, security, or encumbrance upon title to a *property* to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of *hazardous substances* or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 USC§ §9607(1) & 9607 (r) and similar state or local laws.

ERNS list – USEPA's emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 355.

Federal Registration (FR) - publication of the United State government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.

Fill dirt - dirt, soil, sand, or other earth, that is obtained off-site, which is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Fire insurance maps – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produces them.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 USC§ 9601(14), as interpreted by USEPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 USC § 6921) (but not including any waste the regulation of which under RCRA (42 USC §§ 6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of USEPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 USC § 6921) (but not including any waste the regulation of which under RCRA (42 USC §§ 6901-6992k.) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, in 42 USC § 6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may- (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed."

IC/EC registries – database of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), Brownfields site list (Indiana, Missouri, Pennsylvania).

Institutional controls – a legal or administrative restriction (for example, "deed restrictions", restrictive covenants, easements or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Interviews – those portions of this practice that are contained in Section 5.0 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and question to be asked of local government officials.

Landfill – a place, location, tract of land, area, or premises used for disposal of solid waste as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Local government agencies – those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships and similar entities.

Local street directories – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local street directories are available at libraries, or historical societies, and/or local municipal offices.
See 8.3.4.6 of this practice.

LUST sites – state lists of leaking underground storage tank sites. RCRA gives USEPA and states, under cooperative agreements with USEPA, authority to clean up release from UST systems or require owner and operators to do so. (42 U.S.C. §6991b).

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the Subject Property.

Material safety data sheet (MSDS) – written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200.

National Contingency Plan (NCP) – the National Oil and Hazardous Substance Pollution Contingency Plan, found at 40 CFR Part 300 that is the USEPA's blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.

Occupants – those tenants, subtenants, or other persons or entities using the Subject Property or a portion of the Subject Property.

Owner – generally the fee owner of record of the *property.*

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 USC § 9601(14), as interpreted by the courts and USEPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products – those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 USC § 9601(14), as interpreted by the courts and USEPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to *Standard Definitions of Petroleum Statistics*.

Pits, ponds, or lagoons – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Property – the real property that is the subject of the *environmental site assessment* described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

RCRA TSD Facilities – those facilities on which treatment, storage, and/or disposal of hazardous wastes take place, as defined and regulated by RCRA.

Solvent - a chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance*, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

Sump – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – treatment, storage, or disposal facility (see RCRA TSD facilities).

Underground storage tanks (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10% or more beneath the surface of the ground.

Wastewater – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as storm water flows, that has not been used in industrial of manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

14.1 ADDITIONAL DEFINITIONS – SPECIFIC TO ESA

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk* issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

Due diligence – the process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

Environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe Practice E 1528 or 1527, although an environmental compliance audit may include an *environmental site assessment* or, if prior audits are available, may be part of an environmental site assessment.

Environmental professional – (1) a person who possesses sufficient specific education, training and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)), on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f). (2) Such a person must: (i) hold a current Professional Engineer's or Professional Geologist's license or registration from a state, tribe, or US territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of fulltime relevant experience; or (ii) be licensed or certified by the federal government, a state, tribe, or US territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of three (3) years of full-time relevant experience; or (iii) have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the

equivalent of five (5) years of full-time relevant experience; or (iv) have the equivalent of ten (10) years of full-time relevant experience. The person may be an independent contractor or an employee of the *user*.

Environmental site assessment (ESA) – the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions*. At the option of the user, an environmental site assessment may include more inquiry than that which constitutes *all appropriate inquiry* or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting *all appropriate inquiry.* An environmental site assessment is different from an *environmental compliance audit.*

Historical recognized environmental condition – environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *historical recognized environmental condition* on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an *historical recognized environmental condition* and included in the findings section of the Phase I *Environmental Site Assessment* report. The *environmental professional* shall provide an opinion of the current impact on the property of this *historical recognized environmental condition* in the opinion section of the report. If this *historical recognized environmental condition* is determined to be a *recognized environmental condition* at the time the Phase I *Environmental Site Assessment* is conducted, the condition shall be identified as such and listed in the conclusions section of the report.

Innocent landowner defense – (42 USC § 9601(35) and § 9607(b) (3)). A person may qualify as one of three types of innocent landowners: (i) a person who :did not know and had no reason to know" that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who :acquired the facility by inheritance or bequest." To qualify for the first type of innocent landowner LLP, such person must have made all appropriate inquiry on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent landowner defense. See ASTM E1527-05 Appendix X1.

Key site manager – the person identified by the *owner* or *operator* of a *property* as having good knowledge of the uses and physical characteristics of the property.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability, See 42 USC § §9601(35)(A), 9601(40), 9607(b), 9607(q), 9607 (r).

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health of the environment. An example might include an aboveground storage tank that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

Other historical sources – any source or sources other than those designated in 7.3.4.1 through 7.3.4.8 that are credible to a reasonable person and that identify past uses of the property. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*. See ASTM E1527-05 Sections 3.2.58 and 8.3.4.8.

Practically reviewable – information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis or irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the *property*, it is not *practically reviewable.*

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably ascertainable – for purposes of both Practice E 1527 and 1528, information that is *(1) publicly available*, (2) obtainable from its source within reasonable time and cost constraints, and *(3) practically reviewable*.

Recognized environmental conditions – the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, ground water, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

User – the party seeking to use Practices E 1527 or E 1528 to complete an *environmental site assessment* of the *property*. A user may include, without limitation, a potential purchaser of *property*, a potential tenant of property, an *owner* of *property,* a lender, or a property manager.

Visually and/or physically observed – during a *site visit* pursuant to this practice, this term generally means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a *site visit*; they may do so by the means at their disposal for moving through the *property* and the structures located in it.

14.2 ACRONYMS

AULs – Activity and Use Limitations
CERCLA-Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 *et seq.*)
CERCLIS-Comprehensive Environmental Response, Compensation and Liability Information System (maintained by USEPA)
CFR-Code of Federal Regulations
CORRACTS-Facilities subject to Corrective Action under RCRA
ECs – Engineering Controls
USEPA-United States Environmental Protection Agency
EPCRA-Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 *et seq.*)
ERNS-Emergency Response Notification System
ESA-Environmental Site Assessment (different than an *environmental audit*; see 3.3.13)
FOIA-U.S. Freedom of Information Act (5 USC 552 *et seq.*)
FR-Federal Register
ICs – Institutional Controls
LLPs – Landowner Liability Protections under the Brownfields Amendments
LUST-Leaking Underground Storage Tank
MSDS-Material Safety Data Sheet
NCP-National Contingency Plan
NFRAP-Former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES-National Pollutant Discharge Elimination System
NPL-National Priorities List
PCBs-Polychlorinated Biphenyls
PRP-Potentially Responsible Party (pursuant to CERCLA 42 USC § 9607(a))
RCRA-Resource Conservation and Recovery Act (as amended, 42 USC § 6901 *et seq.*)
SARA-Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)

APPENDIX B

Health and Safety Plan

REMDIAL INVESTIGATION
HEALTH AND SAFETY PLAN

NYC BROWNFIELDS SITE
501 LEONARD STREET
BROOKLYN, NEW YORK 11222

February 25, 2013
***LEA* PROJECT # 12-361**

Sheila Bubka, CIH
Health and Safety Officer
AIHA Certification Number 6111

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HEALTH AND SAFETY PLAN
FOR USE DURING REMEDIAL INVESTIGATION REPORT

1.0 PURPOSE

The purpose of this Health and Safety Plan (HASP) is to assign responsibilities, establish minimum personnel protection standards and operating procedures and provide for contingencies that may arise while remedial investigation operations are being performed at the subject site, 501 Leonard Street, Brooklyn, New York. The proposed Remedial Investigation Report (RIR) will include the excavation and off-site treatment/disposal of impacted soils, collection of endpoint samples, restoration of the excavation and completion and upstart of a soil vapor extraction (SVE) system; all as described in the Work Plan.

Laurel Environmental Associates, Ltd. (LEA) and it subcontractors will be responsible for providing materials, equipment and labor required by the HASP. The protocols of the HASP will be followed by all personnel involved in the work, including employees and agents of Contractors, Subcontractors and Owner. Mr. Scott Yanuck, ***LEA*** Hydrogeologist is the Project Manager, Sheila Bubka is the Health and Safety Officer, and Carla Sullivan is the Quality Assurance/Quality Control Officer for the project.

This HASP establishes the minimum level of personnel protection. Additional measures will be implemented if necessary to protect personnel involved in the work and the public at large.

Conditions at the site are not expected to warrant either Level B or Level C protection during the investigation based on known site conditions. Regardless, all workers present on site will be familiar with proper protection procedures and the HASP. All personnel scheduled to work at the site are 40-hour OSHA HAZWOPER CFR 1910.120 trained, with 8-hour refreshers up to date.

Given the scope of the work, and the type of contaminants on-site, there is a low potential of the surrounding community being negatively impacted by activities which will be conducted during this investigation. ***Laurel Environmental Associates, Ltd.*** will take every possible step to avoid any type of negative impact.

The Site is currently occupied by a single story auto repair building. Soils will be field screened with a Photoionization Detector (PID) to determine the presence of organic contamination. If an emergency occurs during the measures, which in any event may impact the surrounding community, all appropriate emergency resources listed under the Emergency Contingency Plan Section of this plan will be immediately notified.

2.0 HAZARD EVALUATION

Elevated levels of volatile organic compounds (VOCs) in the atmosphere are not expected to occur during on-site activities. However, the presence of VOCs will be evaluated using a Photoionization Detector (PID). Results from the air monitoring will determine if Level D personnel protection of workers is appropriate or a higher level of protection is required.

During all activities, ***LEA*** personnel will monitor the area around the excavation using a PID to ensure that the appropriate worker protection is maintained for the level of pollutants found. If air monitoring indicates contaminant concentrations pose a risk to workers, the area will be immediately evacuated. Guidelines that will be followed before continuing are noted in Table 1 on the following page. If conditions warrant, Level B and C protection will be worn.

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Table 1
Atmospheric Hazard Guidelines

Hazard	Monitoring Equipment	Measured Level	Action
Explosive Atmosphere	Combustible Gas Indicator	<10% LEL	Continue investigation.
		10%-20% LEL	Continue on-site monitoring with extreme caution as higher levels are encountered.
		>20% LEL	Explosion hazard. Withdraw from area immediately.
Oxygen	Multi RAE	Oxygen conc.	
		<19.5%	Withdraw from area. NOTE: Combustible gas readings are not valid in atmosphere with oxygen levels of less than 19.5%
		19.5% - 23.5%	Continue investigation with caution.
		>23.5%	Fire hazard potential. Discontinue investigation. Withdraw from area.
Organic gases and vapors	PID	Background	Continue work
		5 ppm	Temporarily halt work until average readings drop below 5 ppm
		5 - 25 ppm	Halt work, identify and remedy or abate source Continue work once average readings drop below 5 ppm
		Above 15 ppm	Work must be shut down. Evaluate alternative approaches

Notes:
1. LEL = Lower Explosive Limit

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3.0 SITE CONTROL

3.1 Site Work Locations:

Activities involving soil, groundwater and soil vapor sampling will be performed within the current building. The work areas are the locations in which the actual activities will occur. Workers entering these areas are required to be protected as defined below. Only authorized personnel, including personnel conducting the work activities involved, and specialized personnel such as subcontractors engaged in well installation and operation of heavy equipment, will be allowed in the work areas. Within the work areas, the levels of protection will be determined based on the degree of hazard present, as detected by the measurements obtained with the PID, and/or other activity-specific monitoring equipment. As an engineering control, a regenerative air blower may be used to reduce the potential for dangerous concentrations of VOCs in the breathing zone near the excavation, if warranted.

3.2 Work Zones:

Work zones will be defined prior to the commencement of work activities. These work zones will limit equipment, operations and personnel in the areas as defined below:

Exclusion Zone - This shall include all areas where potential environmental monitoring has shown or is suspected that a potential chemical hazard may exist to workers. This will include down-wind locations. If a chemical hazard exists at downwind locations, the exclusion zone will be expanded as necessary. The level of PPE required in these areas shall be determined by the Site HSO after air monitoring and on-Site inspection has been conducted. The area shall be clearly delineated from the decontamination area. As work proceeds, the delineation boundary shall be relocated as necessary to prevent the accidental contamination of nearby people and equipment.

Contamination Reduction Zone - This zone will occur at the interface between the Exclusion Zone ("Hot Zone") and Support Zone ("Clean Zone") and shall provide a transfer of personnel and equipment to and from the Support Zone to the Exclusion Zone. This zone is for the decontamination of personnel and equipment prior to entering the Support Zone, and for the physical segregation of the Support Zone and Exclusion Zone. The contamination reduction zone will be placed along the rear alleyway, as close to the Site as possible. Access to the alleyway by the public and employees of commercial business will be restricted during the RIR.

Support Zone - This area is the remainder of the work Site and project Site. The support zone will be staged near company vehicles on East Park Avenue and/or East Chester Street. The function of the Support Zone includes:

A. An entry area for personnel, material and equipment to the Exclusion Zone of site operations through the Contamination Reduction Zone
B. An Exit for decontamination personnel, materials and equipment from the "Decon" area of Site operations
C. The Housing of Site special services
D. A storage area for clean safety and work equipment

Small decontamination areas may be set up adjacent to the work area to facilitate decontamination of equipment that is reused throughout the field activity.

3.3 Dust and Odors:

If during sampling, dust or odors emanating from contaminated soils are deemed excessive at adjoining properties and commercial businesses, the sampling process will include misting with water to keep dust levels to a minimum.

3.4 Security:

Periodic security patrols will be conducted to ensure that adequate security is being maintained. Only workers authorized by the field manager may be allowed to enter the Site. Warning signs will be posted to discourage entry by unauthorized personnel. The HSO will brief all visitors of all security and safety plans.

At the end of each work day, the Subject Building will be locked and shuttered.

3.5 Site Communications:

Communications on-Site will be conducted through verbal communications. When out of audible range, verbal communications may be assisted using mobile telephones and two-way radios.

4.0 PERSONAL PROTECTIVE EQUIPMENT

All on-site workers will be familiar with proper protection procedures and this Health and Safety Plan. Level D personal protective clothing will be worn at the outset.

As stated above Level B or C protection will be worn as required. General descriptions of Level C and B protection are presented in Tables 2 and 3 on the following page, respectively. If it is necessary to wear Level B or C protection, the work area shall be separated into three Zones: an Exclusion Zone, a Contamination Reduction Zone, and a Support Zone. No one but protected personnel shall be in the Exclusion and Contamination Reduction Zones. An entrance and exit point shall be designated and monitored to ensure that no unauthorized personnel enter the area. Everyone that enters the area shall log in the field note book with the length of time spent in the area and the task performed noted.

All workers shall wear gloves when handling soil/sludge and apparatus. Gloves shall also be worn while cleaning the sampling equipment.

If any personnel must be lowered into a confined spaces additional procedures must be followed. ***LEA*** will provide the confined space procedures. ***LEA*** will monitor the confined space prior to entry and complete the confined space permit. If needed, dilution or exhaust ventilation will be provided to lower contaminant levels.

All persons working in the confined space must have confined space awareness training and a confined space supervisor must be present. ***LEA*** will perform continuous air monitoring for oxygen, flammability and toxins. At a minimum, carbon monoxide and hydrogen sulfide will be monitored in addition to other site-specific chemicals determined to be a hazard. All personnel working in or monitoring the confined space activities must be properly OSHA confined space entry trained. An approved safety harness and tripod will be employed. Personnel at grade will be constantly monitoring the worker in the pool for signs of fatigue, heat stress or behavior change.

Table 2

LEVEL C PROTECTION

1. Full-face or half-mask, air purifying, canister equipped respirators (NIOSH approved) for those contaminants present.
2. Hooded chemical resistant clothing: (overalls; two-piece chemical-splash-suit; disposable chemical-resistant overalls).
3. Coveralls*
4. Gloves, outer, chemical-resistant
5. Gloves, inner, chemical-resistant
6. Boots (outer), chemical-resistant, steel toe and shank
7. Boot-covers, outer, chemical-resistant, (disposable)*
8. Hard hat
9. Escape mask*
10. Two-way radios (worn under outside protective clothing)
11. Face shield*

*Optional, as applicable.

Table 3

LEVEL B PROTECTION

1. Pressure-demand, full-faceplate self-contained breathing apparatus (SCBA), or pressure demand supplied air respirator with escape SCBA (NIOSH approved)
2. Hooded chemical-resistant clothing (overalls and long-sleeved shirts) jacket; coveralls; one or two-piece chemical-splash suit; disposable chemical-resistant overalls).
3. Coveralls*
4. Gloves, outer chemical-resistant
5. Gloves, inner, chemical-resistant.
6. Boots, outer, chemical resistant steel toe and shank
7. Boot-covers, outer, chemical-resistant (disposable)
8. Hard hat
9. Two-way radios (worn inside encapsulating suit)
10. Face shield*

* Optional, as applicable

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5.0 PERSONNEL SAFETY/HYGIENE

The safety practices to be followed by all on-site personnel include:

1. If Level B or C protection must be worn, eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the Exclusion and Contamination Reduction Zones. All workers must be trained, medically qualified and fit tested in the use of respirators.

2. Hands and face must be thoroughly washed before eating, drinking or any other personal hygiene activities.

3. No excessive facial hair, which interferes with a satisfactory fit of the mask to face seal, is allowed for personnel to wear respiratory protective equipment.

6.0 PERSONNEL TRAINING

At the start of the job before engaging in any work, all personnel will be briefed on the following:

1. The person in charge as safety officer
2. Boundaries, entry and exit point locations of the work zones, if established
3. Use of personnel protection equipment
4. Principles of personnel hygiene
5. Location of first-aid equipment
6. Evacuation procedures to be followed in case of emergencies
7. Heat stress symptoms. All personnel will be advised to watch for signs of heat stress.

New personnel will be briefed on the same points prior to starting work at the site.

7.0 DECONTAMINATION PROCEDURES

If Level B or C protection is worn, decontamination procedures shall be performed in the Contamination Reduction Zone. All disposable garments and spent cartridges/canisters from respiratory equipment will be stored, transported, and properly disposed of in DOT approved 55-gallon drums. Potentially contaminated equipment will be cleaned before leaving the site.

8.0 EMERGENCY CONTINGENCY PLAN

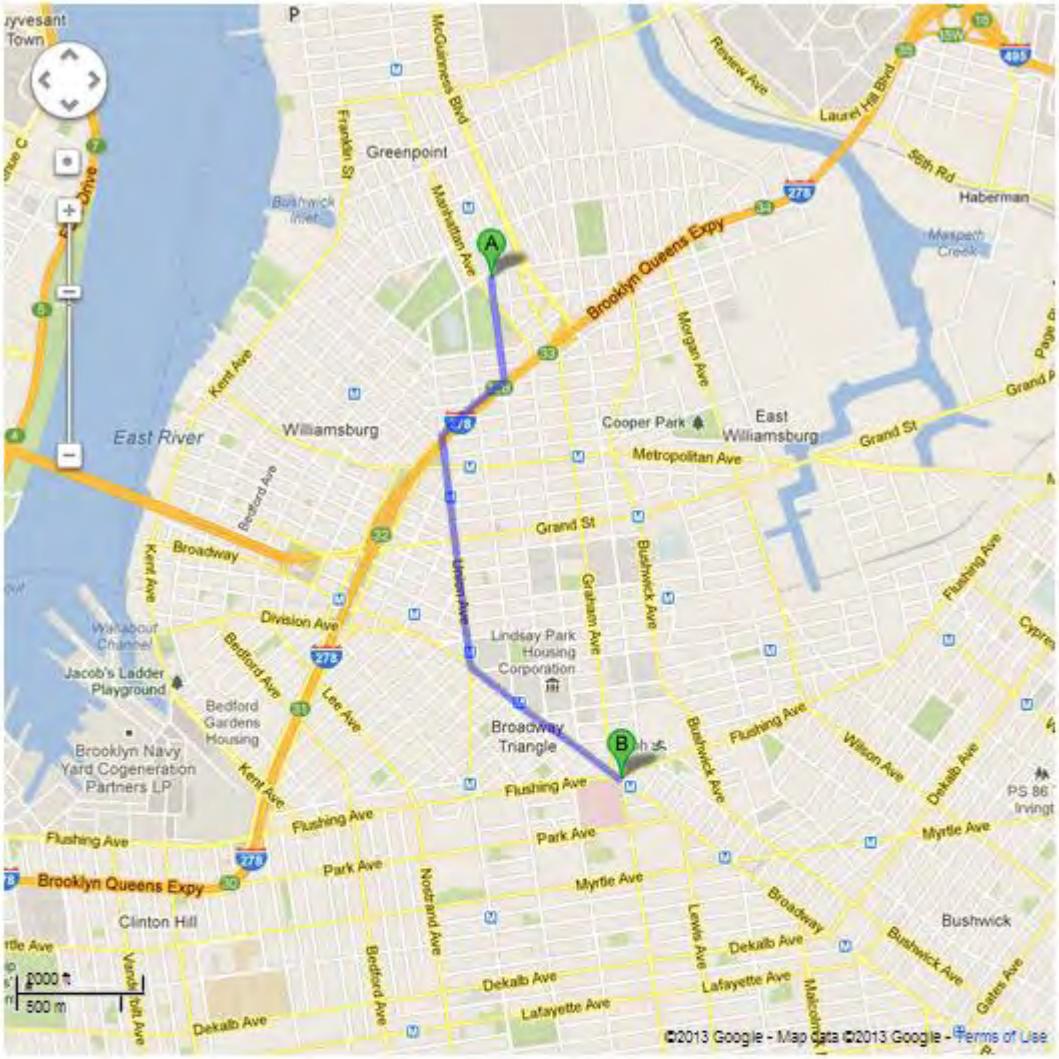
In the event of physical injury, the safety officer or any other qualified person will initiate first aid and, if necessary, call the ambulance. If a chemical exposure is encountered, a physician will be informed, as specifically as possible, of the chemical(s) to which the person had been exposed and the toxicological properties of the chemical(s).

In case of any emergency, the following resources might need to be contacted:

A. Local Resource
   Fire Department: **911**
   Police Department: **911**

B. Hazardous Waste Spills
   New York State Department of Environmental Conservation **1-800-457-7362**
   New York City Health, **212-788-5099**
   Laurel Environmental Associates, Ltd.: Nights and Weekend Emergencies **516-971-6332**

C. Hospital



A 501 Leonard St, Brooklyn, NY 11222

1. Head **south** on **Leonard St** toward **Engert Ave** About 2 mins	go 0.3 mi total 0.3 mi
2. Turn right onto **Meeker Ave** About 54 secs	go 0.2 mi total 0.6 mi
3. Turn left onto **Union Ave** About 4 mins	go 0.7 mi total 1.3 mi
4. Turn left onto **Broadway** Destination will be on the right About 2 mins	go 0.6 mi total 1.8 mi

B **Woodhull Medical Center**
760 Broadway, Brooklyn, NY 11206

9.0 HEAT STRESS CASUALTY PREVENTION PLAN

A. Identification and Treatment

1) **HEAT EXHAUSTION**

Symptoms: Usually begins with muscular weakness, dizziness and a staggering gait. Vomiting is frequent. The bowels may move involuntarily. The victim is very pale, his/her skin is clammy and he/she may perspire profusely. The pulse is weak and fast, breathing is shallow. He/she may faint unless he/she lies down. This may pass, but sometimes it remains and death could occur.

First Aid: Immediately remove the victim to a shady or cool area with good air circulation. Remove all protective outerwear. Call a physician. Treat the victim for shock. (Make him lie down, raise his feet 6-12 inches, and keep him warm but loosen all clothing). If the victim is conscious, it may be helpful to give him sips of a salt water solution (1 teaspoon of salt to 1 glass of water). Transport victim to a medical facility.

2) **HEAT STROKE**

Symptoms: This is the most serious of heat casualties due to the fact that the body excessively overheats. Body temperatures are often are between 107°-110°F. There is often pain in the head, dizziness, nausea, oppression, and a dryness of the skin and mouth. Unconsciousness follows quickly and death is imminent if exposure continues. The attack will usually occur suddenly.

First Aid: Immediately evacuate the victim to a cool and shady area. Remove all protective outer wear and all personal clothing. Lay him on his back with the head and shoulders slightly elevated. It is imperative that the body temperature be lowered immediately. This can be accomplished by applying cold wet towels, ice bags, etc., to the head. Sponge off the bare skin with cool water or rubbing alcohol, if available, or even place him in a tub of cool water. The main objective is to cool him without chilling him. Give no stimulants. Transport the victim to a medical facility as soon as possible.

B. **Prevention of Heat Stress**

1) One of the major causes of heat casualties is the depletion of body fluids. On-site there will be plenty of fluids available. Personnel should replace water and salts lost from perspiration. Salts can be replaced by either a 0.1% salt solution, more heavily salted foods, or commercial mixes such as Gatorade®.

2) A work schedule will be established so that the majority of the work day will be during the morning hours of the day before ambient air temperature levels reach their highs if high air temperatures are anticipated.

3) A work/rest guideline will be implemented for personnel required to wear Level B protection, if this situation arises. This guideline is as follows:

Ambient Temperatures	***Maximum Working Time***
Above 90°F	< 1 hour
80° - 90° F	1 hour
70 °- 80° F	2 hours
60 °- 70° F	3 hours
50 °- 60° F	4 hours
40° – 50°F	5 hours
30° - 40° F	6 hours
Below 30° F	8 hours

A sufficient period will be allowed for personnel to "cool down". This may require separate shifts of workers during operations.

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APPENDIX C

Soil Boring Geologic Logs

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE:

Client:	Neptune Mechanical	Boring ID.	SB-1
Site Name:	501 Leonard Street	Boring Location:	Northwest corner
Site Location:	501 Leonard Street, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-361.1	DTW (ft) :	

Field Geologist:	Christopher J. Connolly	Drill Type:	Geoprobe 6610DT
Driller:	Steven Bitetto	Sample Type:	Split_____
Weather Cond.	Sunny		Grab_____
Temp:	45 Deg F		Core_X__

SOIL TYPE CODES

- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes:

Ft.	Boring Profile*	PID (ppm)	Description/Remarks
0	NA	0	Brown soils mixed with ash, no odor
1	GP	0	Brown soils, no odor
2	GP	0	Grey/brown clay-like soils
3	OL, SM	0	Grey/brown clay-like soils
4	OL, SM	0	Grey/brown clay-like soils
5	OL, SM	0	Black boggy clays
6	OL, SM	0	Dark brown clay-like sands
7	OL, SM	0	Dark brown clay-like sands
8	SM	0	Light brown clay-like soils
9	SM	0	Light brown clay-like soils
10	SM	0	Wet clay-like sands
11	SM	0	Wet clay-like sands
12	ML	0	Wet clay-like sands
13	ML	0	Wet clay-like sands
14	ML	0	Wet clay-like sands
15	ML	0	Wet clay-like sands

* =Depth relative to grade

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE:

Client:	Neptune Mechanical	Boring ID.	SB-2
Site Name:	501 Leonard Street	Boring Location:	West side of southern half
Site Location:	501 Leonard Street, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-361.1	DTW (ft) :	

Field Geologist:	Christopher J. Connolly	Drill Type:	Geoprobe 6610DT
Driller:	Steven Bitetto	Sample Type:	Split_____
Weather Cond.	Sunny		Grab_____
Temp:	45 Deg F		Core_X__

SOIL TYPE CODES

Well graded gravels or gravel/sand mix (GW)	
Poorly graded gravels or gravel/sand mix (GP)	
Well graded sands, gravelly sands, no fines (SW)	
Poorly graded sands, gravelly sands, no fines (SP)	
Silty sands, sand silt mixtures (SM)	
Inorganic silts, fine sand, silty-clayey fine sands (ML)	
Inorganic clays, gravely/ sandy clays, silty clays (CL)	
Organic silts, organic silty clays of low plasticity (OL)	
Organic clays of med. to high plasticity, organic silts (OH)	
Peat and other highly organic soils (PT)	
Bedrock etc. (BD)	
Other (fill, etc)	

Notes:

Ft.	Boring Profile*	PID (ppm)	Description/Remarks
0	NA	0	Brown soils mixed with ash, no odor
1	GP	0	Brown soils, no odor
2	OL	0	Black dry boggy clays
3	OL	0	Black dry boggy clays
4	OL	0	Black dry boggy clays
5	OL	0	Black dry boggy clays
6	OL, SM	0	Dark brown clay-like sands
7	OL, SM	0	Dark brown clay-like sands
8	SM	0	Light brown clay-like soils
9	SM	0	Light brown clay-like soils
10	SM	0	Wet brown clay-like sands
11	SM	0	Wet brown clay-like sands
12	ML	0	Wet brown clay-like sands
13	ML	0	Wet brown clay-like sands
14	ML	0	Wet brown clay-like sands
15	ML	0	Wet brown clay-like sands

* =Depth relative to grade

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: 5-Mar-13

Client:	Neptune Mechanical	Boring ID.	SB-2A
Site Name:	501 Leonard Street	Boring Location:	Far west side of building
Site Location:	501 Leonard Street, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-361.1	DTW (ft) :	

Field Geologist:	Christopher J. Connolly	Drill Type:	Geoprobe 6610DT
Driller:	Steven Bitetto	Sample Type:	Split_____
Weather Cond.	Sunny		Grab_____
Temp:	45 Deg F		Core_X__

SOIL TYPE CODES

- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes:

Ft.	Boring Profile*	PID (ppm)	Description/Remarks
0	GP	0	Concrete dust, brick pieces brown sols
1	GP	0	Concrete dust, brick pieces brown sols
2	GP	0	Poorly graded sands brown soil and brick
3	GP	0	Poorly graded sands brown soil and brick
4	GP	0	Poorly graded sands brown soil and brick
5	OL	0	Brown sands and claylike soils
6	OL	0	Brown sands and claylike soils
7	OL	0	Brown sands and claylike soils
8	OL	0	Brown sands and claylike soils
9	OL	0	Brown sands and claylike soils
10	SM/OL	0	Brown to dark brown moist clay/sand
11	SM/OL	0	Brown to dark brown moist clay/sand
12	SM/OL	0	Brown to dark brown moist clay/sand
13	SM/OL	0	Brown to dark brown moist clay/sand
14	OH	0	Wet brown clay-like sands
15	OH	0	Wet brown clay-like sands

* =Depth relative to grade

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE:

Client:	Neptune Mechanical	Boring ID.	SB-3
Site Name:	501 Leonard Street	Boring Location:	East side of southern half
Site Location:	501 Leonard Street, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-361.1	DTW (ft) :	

Field Geologist:	Christopher J. Connolly	Drill Type:	Geoprobe 6610DT
Driller:	Steven Bitetto	Sample Type:	Split_____
Weather Cond.	Sunny		Grab_____
Temp:	45 Deg F		Core_X__

SOIL TYPE CODES

- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes:

Ft.	Boring Profile*	PID (ppm)	Description/Remarks
0	NA	0	Brown soils mixed with ash, no odor
1	GP	0	Brown soils, no odor
2	OL	0	Black dry boggy clays
3	OL	0	Black dry boggy clays
4	OL	0	Black dry boggy clays
5	OL	0	Black dry boggy clays
6	OL	0	Black dry boggy clays
7	OL	0	Black dry boggy clays
8	OL	0	Black dry boggy clays
9	OL	0	Black dry boggy clays
10	SM	0	Wet brown clay-like sands
11	SM	0	Wet brown clay-like sands
12	ML	0	Wet brown clay-like sands
13	ML	0	Wet brown clay-like sands
14	ML	0	Wet brown clay-like sands
15	ML	0	Wet brown clay-like sands

* =Depth relative to grade

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: 5-Mar-13

Client:	Neptune Mechanical	Boring ID.	SB-3A
Site Name:	501 Leonard Street	Boring Location:	West side of south portion
Site Location:	501 Leonard Street, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-361.1	DTW (ft) :	11

Field Geologist:	Christopher J. Connolly	Drill Type:	Geoprobe 6610DT
Driller:	Steven Bitetto	Sample Type:	Split_____
Weather Cond.	Sunny		Grab_____
Temp:	45 Deg F		Core_X__

SOIL TYPE CODES

- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes:

Ft.	Boring Profile*	PID (ppm)	Description/Remarks
0	GP	0	Concrete dust, brick pieces brown soils
1	GP	0	Concrete dust, brick pieces brown soils
2	CL	0	Dark brown clay like soils with mixed ash
3	CL	0	Dark brown clay like soils with mixed ash
4	CL	0	Dark brown clay like soils with mixed ash
5	CL	0	Dark brown clay like soils
6	CL	0	Dark brown clay like soils
7	CL	0	Dark brown clay like soils
8	OL	0	Dark brown claylike soils
9	OL	0	Dark brown claylike soils
10	SM/OL	0	Dark brown sandy soils with clays
11	SM/OL	0	Dark brown sandy soils with clays
12	SM/OL	0	Dark brown sandy soils with clays
13	SM/OL	0	Dark brown sandy soils with clays
14	OH	0	Brown to tan sandy soils
15	OH	0	Brown to tan sandy soils

* =Depth relative to grade

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG DATE: 5-Mar-13

Client:	Neptune Mechanical	Boring ID.	SB-4
Site Name:	501 Leonard Street	Boring Location:	North central portion
Site Location:	501 Leonard Street, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-361.1	DTW (ft) :	11

Field Geologist:	Christopher J. Connolly	Drill Type:	Geoprobe 6610DT
Driller:	Steven Bitetto	Sample Type:	Split_____
Weather Cond.	Sunny		Grab_____
Temp:	45 Deg F		Core_X__

SOIL TYPE CODES

- Well graded gravels or gravel/sand mix (GW)
- Poorly graded gravels or gravel/sand mix (GP)
- Well graded sands, gravelly sands, no fines (SW)
- Poorly graded sands, gravelly sands, no fines (SP)
- Silty sands, sand silt mixtures (SM)
- Inorganic silts, fine sand, silty-clayey fine sands (ML)
- Inorganic clays, gravely/ sandy clays, silty clays (CL)
- Organic silts, organic silty clays of low plasticity (OL)
- Organic clays of med. to high plasticity, organic silts (OH)
- Peat and other highly organic soils (PT)
- Bedrock etc. (BD)
- Other (fill, etc)

Notes:

Ft.	Boring Profile*	PID (ppm)	Description/Remarks
0	GP	0	Concrete dust, brick pieces brown soils
1	GP	0	Concrete dust, brick pieces brown soils
2	CL	0	Dark brown clay like soils with mixed ash
3	CL	0	Dark brown clay like soils with mixed ash
4	CL	0	Dark brown clay like soils with mixed ash
5	CL	0	Dark brown clay like soils
6	CL	0	Dark brown clay like soils
7	CL	0	Dark brown clay like soils
8	SM/OL	0	Dark brown sandy soils with clays
9	SM/OL	0	Dark brown sandy soils with clays
10	SM/OL	0	Dark brown sandy soils with clays
11	SM/OL	0	Dark brown sandy soils with clays
12	SM/OL	0	Dark brown sandy soils with clays
13	SM/OL	0	Dark brown sandy soils with clays
14	OH	0	Brown to tan sandy soils
15	OH	0	Brown to tan sandy soils

* =Depth relative to grade

APPENDIX D

Soil and Groundwater Raw Laboratory Data

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 12/28/2012
Client Project ID: 501 Leonard Street, Greenpoint
York Project (SDG) No.: 12L0616

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

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

Report Date: 12/28/2012
Client Project ID: 501 Leonard Street, Greenpoint
York Project (SDG) No.: 12L0616

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 December 17, 2012 and listed below. The project was identified as your project: **501 Leonard Street, Greenpoint**.

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
12L0616-01	SB-1 (0-2')	Soil	12/13/2012	12/17/2012
12L0616-02	SB-1 (4-6')	Soil	12/13/2012	12/17/2012
12L0616-03	SB-2 (0-2')	Soil	12/13/2012	12/17/2012
12L0616-04	SB-2 (4-6')	Soil	12/13/2012	12/17/2012
12L0616-05	SB-3 (0-2')	Soil	12/13/2012	12/17/2012
12L0616-06	SB-3 (4-6')	Soil	12/13/2012	12/17/2012
12L0616-07	DUP (0-2')	Soil	12/13/2012	12/17/2012
12L0616-08	GW-1	Water	12/13/2012	12/17/2012
12L0616-09	MW	Water	12/13/2012	12/17/2012

General Notes for York Project (SDG) No.: 12L0616

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:** 12/28/2012

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-1 (0-2')** **York Sample ID:** **12L0616-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
591-78-6	2-Hexanone	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
67-64-1	Acetone	**42**	B	ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-1 (0-2')** **York Sample ID:** **12L0616-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	**8.6**	J	ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	36	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*84-117*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	219	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	291	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
62-53-3	Aniline	ND		ug/kg dry	346	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
120-12-7	Anthracene	ND		ug/kg dry	331	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
56-55-3	Benzo(a)anthracene	**540**	J	ug/kg dry	226	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
50-32-8	Benzo(a)pyrene	**630**		ug/kg dry	240	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	508	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
191-24-2	Benzo(g,h,i)perylene	**281**	J	ug/kg dry	201	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	606	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	334	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	292	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-1 (0-2')** **York Sample ID:** **12L0616-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **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
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	408	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	157	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	208	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	309	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	213	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	418	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	327	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	355	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
218-01-9	Chrysene	**719**		ug/kg dry	279	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	243	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	282	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	246	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	396	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	373	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	191	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	317	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	380	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	270	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	311	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	268	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	606	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
206-44-0	Fluoranthene	**1290**		ug/kg dry	355	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
86-73-7	Fluorene	ND		ug/kg dry	291	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	357	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	205	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	451	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	173	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**282**	J	ug/kg dry	276	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
78-59-1	Isophorone	ND		ug/kg dry	208	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	465	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
91-20-3	Naphthalene	**332**	J	ug/kg dry	149	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	602	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	251	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	178	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-1 (0-2') **York Sample ID:** 12L0616-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CO] **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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	202	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	248	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	274	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
85-01-8	Phenanthrene	**1240**		ug/kg dry	316	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
129-00-0	Pyrene	**1160**		ug/kg dry	247	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
110-86-1	Pyridine	ND		ug/kg dry	425	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	219	606	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:04	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.7 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.5 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*45.0 %*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CO] **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0206	0.0206	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:22	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.7 %*	*30-150*

Metals, Target Analyte

Log-in Notes: VOA-CO] **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	**4780**		mg/kg dry	1.24	2.42	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-36-0	Antimony	**1.49**		mg/kg dry	0.266	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-38-2	Arsenic	**15.2**		mg/kg dry	0.412	1.21	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-39-3	Barium	**130**		mg/kg dry	0.157	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-43-9	Cadmium	**5.59**		mg/kg dry	0.121	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-70-2	Calcium	**15400**		mg/kg dry	0.048	6.06	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-47-3	Chromium	**15.1**		mg/kg dry	0.145	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-1 (0-2') **York Sample ID:** 12L0616-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Metals, Target Analyte

Log-in Notes: VOA-CO] **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	**6.70**		mg/kg dry	0.097	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-50-8	Copper	**250**		mg/kg dry	0.145	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7439-89-6	Iron	**20100**		mg/kg dry	0.787	2.42	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7439-92-1	Lead	**375**		mg/kg dry	0.206	0.363	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7439-95-4	Magnesium	**1810**		mg/kg dry	0.545	6.06	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7439-96-5	Manganese	**277**		mg/kg dry	0.133	1.21	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-02-0	Nickel	**21.0**		mg/kg dry	0.157	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-09-7	Potassium	**1040**		mg/kg dry	4.09	12.1	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7782-49-2	Selenium	**1.96**		mg/kg dry	0.606	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-22-4	Silver	ND		mg/kg dry	0.121	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-23-5	Sodium	**473**		mg/kg dry	6.38	12.1	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-28-0	Thallium	ND		mg/kg dry	0.388	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-62-2	Vanadium	**21.7**		mg/kg dry	0.133	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW
7440-66-6	Zinc	**316**		mg/kg dry	0.109	0.606	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 21:57	MW

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	0.114	0.121	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

Total Solids

Log-in Notes: VOA-CO] **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	**82.6**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: SB-1 (4-6') **York Sample ID:** 12L0616-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-1 (4-6')** **York Sample ID:** **12L0616-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

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

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
78-93-3	2-Butanone	**57**		ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
67-64-1	Acetone	**200**	B	ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
71-43-2	Benzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-25-2	Bromoform	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
67-66-3	Chloroform	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-09-2	Methylene chloride	**7.1**	J	ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
91-20-3	Naphthalene	ND		ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-1 (4-6')** **York Sample ID:** **12L0616-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	7.1	28	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
100-42-5	Styrene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
108-88-3	Toluene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	7.1	14	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	43	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 01:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*95.8 %*	*84-117*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	257	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	340	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
62-53-3	Aniline	ND		ug/kg dry	406	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
120-12-7	Anthracene	ND		ug/kg dry	387	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
56-55-3	Benzo(a)anthracene	**566**	J	ug/kg dry	265	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
50-32-8	Benzo(a)pyrene	**549**	J	ug/kg dry	281	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	594	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	235	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	709	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	391	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	342	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	478	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	184	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	244	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	362	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	250	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-1 (4-6')** **York Sample ID:** **12L0616-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	489	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	383	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	416	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
218-01-9	Chrysene	**695**	J	ug/kg dry	326	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	285	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	330	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	288	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	464	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	437	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	224	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	372	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	445	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	316	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	364	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	313	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	709	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
206-44-0	Fluoranthene	**1350**		ug/kg dry	416	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
86-73-7	Fluorene	ND		ug/kg dry	340	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	418	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	240	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	528	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	203	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	323	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
78-59-1	Isophorone	ND		ug/kg dry	244	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	545	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
91-20-3	Naphthalene	**292**	J	ug/kg dry	174	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	705	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	294	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	208	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	237	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	291	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	320	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
85-01-8	Phenanthrene	**1130**		ug/kg dry	370	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
129-00-0	Pyrene	**1260**		ug/kg dry	289	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-1 (4-6') **York Sample ID:** 12L0616-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CO **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	498	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	257	709	2	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 11:36	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*71.3 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.8 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*52.5 %*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CO **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0241	0.0241	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 10:41	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.8 %*	*30-150*

Metals, Target Analyte

Log-in Notes: VOA-CO **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	**3770**		mg/kg dry	1.45	2.84	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-36-0	Antimony	**2.34**		mg/kg dry	0.312	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-38-2	Arsenic	**20.7**		mg/kg dry	0.482	1.42	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-39-3	Barium	**309**		mg/kg dry	0.184	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.142	0.142	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.142	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-70-2	Calcium	**10300**		mg/kg dry	0.057	7.09	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-47-3	Chromium	**20.8**		mg/kg dry	0.170	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-48-4	Cobalt	**7.07**		mg/kg dry	0.113	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-50-8	Copper	**130**		mg/kg dry	0.170	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7439-89-6	Iron	**15300**		mg/kg dry	0.922	2.84	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7439-92-1	Lead	**1430**		mg/kg dry	0.241	0.425	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7439-95-4	Magnesium	**1040**		mg/kg dry	0.638	7.09	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-1 (4-6') **York Sample ID:** 12L0616-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Metals, Target Analyte

Log-in Notes: VOA-CO] **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
7439-96-5	Manganese	**136**		mg/kg dry	0.156	1.42	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-02-0	Nickel	**19.4**		mg/kg dry	0.184	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-09-7	Potassium	**666**		mg/kg dry	4.79	14.2	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7782-49-2	Selenium	**3.29**		mg/kg dry	0.709	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.142	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-23-5	Sodium	**326**		mg/kg dry	7.47	14.2	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-28-0	Thallium	ND		mg/kg dry	0.454	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-62-2	Vanadium	**20.1**		mg/kg dry	0.156	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW
7440-66-6	Zinc	**245**		mg/kg dry	0.128	0.709	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:29	MW

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	0.133	0.142	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

Total Solids

Log-in Notes: VOA-CO] **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	**70.5**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: SB-2 (0-2') **York Sample ID:** 12L0616-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (0-2')** **York Sample ID:** **12L0616-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

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

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
78-93-3	2-Butanone	**8.5**	J	ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
67-64-1	Acetone	**37**	B	ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
71-43-2	Benzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-25-2	Bromoform	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
67-66-3	Chloroform	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-09-2	Methylene chloride	**7.6**	J	ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.8	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
100-42-5	Styrene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (0-2')** **York Sample ID:** **12L0616-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	35	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 02:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*119 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*84-117*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**664**		ug/kg dry	105	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	140	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
62-53-3	Aniline	ND		ug/kg dry	166	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
120-12-7	Anthracene	**1890**		ug/kg dry	159	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
56-55-3	Benzo(a)anthracene	**3220**		ug/kg dry	109	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
50-32-8	Benzo(a)pyrene	**1940**		ug/kg dry	115	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
205-99-2	Benzo(b)fluoranthene	**1740**		ug/kg dry	244	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
191-24-2	Benzo(g,h,i)perylene	**277**	J	ug/kg dry	96.5	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
207-08-9	Benzo(k)fluoranthene	**1650**		ug/kg dry	291	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	160	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	140	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	196	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.6	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	100	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	148	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	102	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	201	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	157	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	170	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
218-01-9	Chrysene	**3190**		ug/kg dry	134	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	117	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (0-2')** **York Sample ID:** **12L0616-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	**456**		ug/kg dry	135	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	118	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	190	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	179	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	91.8	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	152	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	183	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	130	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	149	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	128	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	291	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
206-44-0	Fluoranthene	**8280**		ug/kg dry	852	1450	5	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
86-73-7	Fluorene	**596**		ug/kg dry	140	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	171	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	98.2	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	216	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	83.1	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**350**		ug/kg dry	133	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
78-59-1	Isophorone	ND		ug/kg dry	100	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
91-57-6	2-Methylnaphthalene	**231**	J	ug/kg dry	223	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
91-20-3	Naphthalene	**528**		ug/kg dry	71.5	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	289	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	120	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	85.4	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	97.1	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	119	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	131	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
85-01-8	Phenanthrene	**7700**		ug/kg dry	759	1450	5	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
129-00-0	Pyrene	**7930**		ug/kg dry	593	1450	5	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
110-86-1	Pyridine	ND		ug/kg dry	204	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	105	291	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:09	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.3 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.1 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*55.7 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (0-2')** **York Sample ID:** **12L0616-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Polychlorinated Biphenyls (PCB)

Log-in Notes: **VOA-CO]** **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0198	0.0198	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 11:01	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**3730**		mg/kg dry	1.19	2.33	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-36-0	Antimony	**0.808**		mg/kg dry	0.256	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-38-2	Arsenic	**7.91**		mg/kg dry	0.395	1.16	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-39-3	Barium	**116**		mg/kg dry	0.151	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.116	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-70-2	Calcium	**12700**		mg/kg dry	0.047	5.81	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-47-3	Chromium	**13.4**		mg/kg dry	0.140	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-48-4	Cobalt	**4.60**		mg/kg dry	0.093	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-50-8	Copper	**100**		mg/kg dry	0.140	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7439-89-6	Iron	**14900**		mg/kg dry	0.756	2.33	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7439-92-1	Lead	**464**		mg/kg dry	0.198	0.349	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7439-95-4	Magnesium	**1550**		mg/kg dry	0.523	5.81	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7439-96-5	Manganese	**197**		mg/kg dry	0.128	1.16	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-02-0	Nickel	**19.4**		mg/kg dry	0.151	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-09-7	Potassium	**1000**		mg/kg dry	3.93	11.6	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7782-49-2	Selenium	**2.09**		mg/kg dry	0.581	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.116	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-23-5	Sodium	**327**		mg/kg dry	6.13	11.6	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-28-0	Thallium	ND		mg/kg dry	0.372	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-62-2	Vanadium	**13.1**		mg/kg dry	0.128	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW
7440-66-6	Zinc	**179**		mg/kg dry	0.105	0.581	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:37	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-2 (0-2') **York Sample ID:** 12L0616-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Mercury by 7470/7471

Log-in Notes: VOA-CO **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	0.109	0.116	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

Total Solids

Log-in Notes: VOA-CO **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	**86.0**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: SB-2 (4-6') **York Sample ID:** 12L0616-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
78-93-3	2-Butanone	**60**		ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
591-78-6	2-Hexanone	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
67-64-1	Acetone	**270**	B	ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
71-43-2	Benzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-25-2	Bromoform	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (4-6')** **York Sample ID:** **12L0616-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
67-66-3	Chloroform	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-09-2	Methylene chloride	**9.4**	J	ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
91-20-3	Naphthalene	**17**	J	ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
100-42-5	Styrene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
108-88-3	Toluene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	40	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*117 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*84-117*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (4-6')** **York Sample ID:** **12L0616-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**161**	J, IS-01	ug/kg dry	121	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
208-96-8	Acenaphthylene	ND	IS-01	ug/kg dry	161	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
62-53-3	Aniline	ND	IS-01	ug/kg dry	192	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
120-12-7	Anthracene	ND	IS-01	ug/kg dry	183	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
56-55-3	Benzo(a)anthracene	**178**	IS-01, J	ug/kg dry	125	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
50-32-8	Benzo(a)pyrene	ND	IS-01	ug/kg dry	133	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
205-99-2	Benzo(b)fluoranthene	ND	IS-01	ug/kg dry	281	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
191-24-2	Benzo(g,h,i)perylene	ND	IS-01	ug/kg dry	111	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
207-08-9	Benzo(k)fluoranthene	ND	IS-01	ug/kg dry	335	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
85-68-7	Benzyl butyl phthalate	ND	IS-01	ug/kg dry	185	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
101-55-3	4-Bromophenyl phenyl ether	ND	IS-01	ug/kg dry	162	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
59-50-7	4-Chloro-3-methylphenol	ND	IS-01	ug/kg dry	226	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
106-47-8	4-Chloroaniline	ND	IS-01	ug/kg dry	87.1	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	IS-01	ug/kg dry	115	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
111-44-4	Bis(2-chloroethyl)ether	ND	IS-01	ug/kg dry	171	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	IS-01	ug/kg dry	118	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	IS-01	ug/kg dry	231	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
91-58-7	2-Chloronaphthalene	ND	IS-01	ug/kg dry	181	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	IS-01	ug/kg dry	196	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
218-01-9	Chrysene	**223**	IS-01, J	ug/kg dry	154	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-01	ug/kg dry	135	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
132-64-9	Dibenzofuran	ND	IS-01	ug/kg dry	156	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
84-74-2	Di-n-butyl phthalate	ND	IS-01	ug/kg dry	136	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
95-50-1	1,2-Dichlorobenzene	ND	IS-01	ug/kg dry	219	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
106-46-7	1,4-Dichlorobenzene	ND	IS-01	ug/kg dry	206	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
541-73-1	1,3-Dichlorobenzene	ND	IS-01	ug/kg dry	106	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
91-94-1	3,3'-Dichlorobenzidine	ND	IS-01	ug/kg dry	176	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
84-66-2	Diethyl phthalate	ND	IS-01	ug/kg dry	210	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
131-11-3	Dimethyl phthalate	ND	IS-01	ug/kg dry	149	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
606-20-2	2,6-Dinitrotoluene	ND	IS-01	ug/kg dry	172	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
121-14-2	2,4-Dinitrotoluene	ND	IS-01	ug/kg dry	148	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
117-84-0	Di-n-octyl phthalate	ND	IS-01	ug/kg dry	335	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
206-44-0	Fluoranthene	**511**	IS-01	ug/kg dry	196	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
86-73-7	Fluorene	ND	IS-01	ug/kg dry	161	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (4-6')** **York Sample ID:** **12L0616-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **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
118-74-1	Hexachlorobenzene	ND	IS-01	ug/kg dry	198	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
87-68-3	Hexachlorobutadiene	ND	IS-01	ug/kg dry	113	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
77-47-4	Hexachlorocyclopentadiene	ND	IS-01	ug/kg dry	249	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
67-72-1	Hexachloroethane	ND	IS-01	ug/kg dry	95.9	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	IS-01	ug/kg dry	153	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
78-59-1	Isophorone	ND	IS-01	ug/kg dry	115	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
91-57-6	2-Methylnaphthalene	ND	IS-01	ug/kg dry	257	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
91-20-3	Naphthalene	**353**	IS-01	ug/kg dry	82.5	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
99-09-2	3-Nitroaniline	ND	IS-01	ug/kg dry	333	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
100-01-6	4-Nitroaniline	ND	IS-01	ug/kg dry	139	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
98-95-3	Nitrobenzene	ND	IS-01	ug/kg dry	98.5	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
621-64-7	N-nitroso-di-n-propylamine	ND	IS-01	ug/kg dry	112	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
62-75-9	N-Nitrosodimethylamine	ND	IS-01	ug/kg dry	137	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
86-30-6	N-Nitrosodiphenylamine	ND	IS-01	ug/kg dry	151	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
85-01-8	Phenanthrene	**413**	IS-01	ug/kg dry	175	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
129-00-0	Pyrene	**505**	IS-01	ug/kg dry	137	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
110-86-1	Pyridine	ND	IS-01	ug/kg dry	235	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND	IS-01	ug/kg dry	121	335	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 12:41	SR

	Surrogate Recoveries	Result		Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.2 %*	*IS-01*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.7 %*	*IS-01*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*43.5 %*	*IS-01*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **VOA-CO]** **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0228	0.0228	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:28	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.5 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2 (4-6')** **York Sample ID:** **12L0616-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Polychlorinated Biphenyls (PCB)

Log-in Notes: **VOA-CO** **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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.3 %*			*30-150*						

Metals, Target Analyte

Log-in Notes: **VOA-CO** **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	**4040**		mg/kg dry	1.37	2.68	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-36-0	Antimony	**0.958**		mg/kg dry	0.295	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-38-2	Arsenic	**20.9**		mg/kg dry	0.456	1.34	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-39-3	Barium	**323**		mg/kg dry	0.174	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.134	0.134	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.134	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-70-2	Calcium	**47400**		mg/kg dry	0.054	6.70	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-47-3	Chromium	**23.8**		mg/kg dry	0.161	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-48-4	Cobalt	**6.33**		mg/kg dry	0.107	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-50-8	Copper	**887**		mg/kg dry	1.61	6.70	10	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7439-89-6	Iron	**46700**		mg/kg dry	8.71	26.8	10	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7439-92-1	Lead	**5790**		mg/kg dry	0.228	0.402	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7439-95-4	Magnesium	**1820**		mg/kg dry	0.603	6.70	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7439-96-5	Manganese	**328**		mg/kg dry	0.147	1.34	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-02-0	Nickel	**26.6**		mg/kg dry	0.174	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-09-7	Potassium	**786**		mg/kg dry	4.53	13.4	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7782-49-2	Selenium	**2.27**		mg/kg dry	0.670	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-22-4	Silver	ND		mg/kg dry	0.134	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-23-5	Sodium	**537**		mg/kg dry	7.07	13.4	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-28-0	Thallium	ND		mg/kg dry	0.429	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-62-2	Vanadium	**16.9**		mg/kg dry	0.147	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW
7440-66-6	Zinc	**362**		mg/kg dry	0.121	0.670	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:43	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-2 (4-6') **York Sample ID:** 12L0616-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Mercury by 7470/7471

Log-in Notes: VOA-CO **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	0.126	0.134	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

Total Solids

Log-in Notes: VOA-CO **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	**74.6**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: SB-3 (0-2') **York Sample ID:** 12L0616-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
591-78-6	2-Hexanone	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
67-64-1	Acetone	**24**	J, B	ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-25-2	Bromoform	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (0-2')** **York Sample ID:** **12L0616-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
67-66-3	Chloroform	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-09-2	Methylene chloride	**8.9**	J	ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
100-42-5	Styrene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	38	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 03:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*119 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*84-117*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (0-2')** **York Sample ID:** **12L0616-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	113	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	150	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
62-53-3	Aniline	ND		ug/kg dry	179	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
120-12-7	Anthracene	**198**	J	ug/kg dry	170	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
56-55-3	Benzo(a)anthracene	**492**		ug/kg dry	117	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
50-32-8	Benzo(a)pyrene	**391**		ug/kg dry	124	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
205-99-2	Benzo(b)fluoranthene	**329**		ug/kg dry	262	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	104	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
207-08-9	Benzo(k)fluoranthene	**371**		ug/kg dry	312	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	172	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	150	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	210	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	81.1	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	107	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	159	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	110	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	215	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	169	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	183	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
218-01-9	Chrysene	**622**		ug/kg dry	144	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	125	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	145	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	127	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	204	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	192	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	98.6	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	164	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	196	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	139	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	160	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	138	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	312	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
206-44-0	Fluoranthene	**1140**		ug/kg dry	183	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
86-73-7	Fluorene	ND		ug/kg dry	150	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (0-2')** **York Sample ID:** **12L0616-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CO] **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
118-74-1	Hexachlorobenzene	ND		ug/kg dry	184	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	105	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	232	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	89.3	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	142	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
78-59-1	Isophorone	ND		ug/kg dry	107	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	240	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
91-20-3	Naphthalene	ND		ug/kg dry	76.8	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	310	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	129	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	91.8	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	104	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	128	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	141	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
85-01-8	Phenanthrene	**786**		ug/kg dry	163	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
129-00-0	Pyrene	**1080**		ug/kg dry	127	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
110-86-1	Pyridine	ND		ug/kg dry	219	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	113	312	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:13	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.9 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.3 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.8 %*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CO] **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0212	0.0212	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 15:47	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (0-2')** **York Sample ID:** **12L0616-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Polychlorinated Biphenyls (PCB)

Log-in Notes: **VOA-CO** **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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.7 %*			*30-150*						

Metals, Target Analyte

Log-in Notes: **VOA-CO** **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	**5860**		mg/kg dry	1.27	2.50	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-36-0	Antimony	**0.900**		mg/kg dry	0.275	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-38-2	Arsenic	**22.2**		mg/kg dry	0.424	1.25	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-39-3	Barium	**246**		mg/kg dry	0.162	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.125	0.125	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.125	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-70-2	Calcium	**11800**		mg/kg dry	0.050	6.24	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-47-3	Chromium	**16.6**		mg/kg dry	0.150	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-48-4	Cobalt	**7.54**		mg/kg dry	0.100	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-50-8	Copper	**113**		mg/kg dry	0.150	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7439-89-6	Iron	**17600**		mg/kg dry	0.811	2.50	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7439-92-1	Lead	**831**		mg/kg dry	0.212	0.375	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7439-95-4	Magnesium	**1240**		mg/kg dry	0.562	6.24	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7439-96-5	Manganese	**174**		mg/kg dry	0.137	1.25	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-02-0	Nickel	**21.9**		mg/kg dry	0.162	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-09-7	Potassium	**839**		mg/kg dry	4.22	12.5	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7782-49-2	Selenium	**3.41**		mg/kg dry	0.624	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-22-4	Silver	ND		mg/kg dry	0.125	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-23-5	Sodium	**667**		mg/kg dry	6.58	12.5	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-28-0	Thallium	ND		mg/kg dry	0.399	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-62-2	Vanadium	**25.8**		mg/kg dry	0.137	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW
7440-66-6	Zinc	**319**		mg/kg dry	0.112	0.624	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:51	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-3 (0-2') **York Sample ID:** 12L0616-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Mercury by 7470/7471

Log-in Notes: VOA-CO **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	0.117	0.125	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

Total Solids

Log-in Notes: VOA-CO **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	**80.1**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: SB-3 (4-6') **York Sample ID:** 12L0616-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
78-93-3	2-Butanone	**10**	J	ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
67-64-1	Acetone	**52**	B	ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (4-6')** **York Sample ID:** **12L0616-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-09-2	Methylene chloride	**6.3**	J	ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.6	23	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.6	34	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*123 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*97.6 %*	*84-117*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (4-6')** **York Sample ID:** **12L0616-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	102	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	136	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
62-53-3	Aniline	ND		ug/kg dry	162	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
120-12-7	Anthracene	ND		ug/kg dry	154	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
56-55-3	Benzo(a)anthracene	**116**	J	ug/kg dry	106	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	112	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	237	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	93.8	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	282	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	156	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	136	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	190	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	73.4	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	97.2	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	144	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	99.4	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	195	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	153	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	166	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
218-01-9	Chrysene	**155**	J	ug/kg dry	130	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	114	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	132	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	115	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	185	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	174	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	89.3	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	148	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	177	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	126	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	145	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	125	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	282	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
206-44-0	Fluoranthene	**254**	J	ug/kg dry	166	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
86-73-7	Fluorene	ND		ug/kg dry	136	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-3 (4-6') **York Sample ID:** 12L0616-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: VOA-CO] **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
118-74-1	Hexachlorobenzene	ND		ug/kg dry	167	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	95.5	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	210	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	80.8	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	129	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
78-59-1	Isophorone	ND		ug/kg dry	97.2	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	217	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
91-20-3	Naphthalene	**230**	J	ug/kg dry	69.5	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	281	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	117	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	83.0	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	94.3	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	116	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	128	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
85-01-8	Phenanthrene	**376**		ug/kg dry	147	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
129-00-0	Pyrene	**260**	J	ug/kg dry	115	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
110-86-1	Pyridine	ND		ug/kg dry	198	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	102	282	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 13:45	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.8 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.8 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.3 %*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CO] **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:05	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.0 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3 (4-6')** **York Sample ID:** **12L0616-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Polychlorinated Biphenyls (PCB)

Log-in Notes: **VOA-CO]** **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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*			*30-150*						

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**6080**		mg/kg dry	1.15	2.26	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-36-0	Antimony	ND		mg/kg dry	0.249	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-38-2	Arsenic	**5.08**		mg/kg dry	0.384	1.13	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-39-3	Barium	**194**		mg/kg dry	0.147	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.113	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-70-2	Calcium	**1760**		mg/kg dry	0.045	5.65	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-47-3	Chromium	**23.1**		mg/kg dry	0.136	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-48-4	Cobalt	**4.73**		mg/kg dry	0.090	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-50-8	Copper	**27.1**		mg/kg dry	0.136	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7439-89-6	Iron	**16300**		mg/kg dry	0.734	2.26	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7439-92-1	Lead	**448**		mg/kg dry	0.192	0.339	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7439-95-4	Magnesium	**1230**		mg/kg dry	0.508	5.65	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7439-96-5	Manganese	**216**		mg/kg dry	0.124	1.13	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-02-0	Nickel	**13.1**		mg/kg dry	0.147	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-09-7	Potassium	**696**		mg/kg dry	3.82	11.3	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7782-49-2	Selenium	**1.55**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-22-4	Silver	ND		mg/kg dry	0.113	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-23-5	Sodium	**152**		mg/kg dry	5.95	11.3	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-28-0	Thallium	ND		mg/kg dry	0.362	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-62-2	Vanadium	**19.0**		mg/kg dry	0.124	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW
7440-66-6	Zinc	**51.0**		mg/kg dry	0.102	0.565	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 22:56	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-3 (4-6') **York Sample ID:** 12L0616-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Mercury by 7470/7471

Log-in Notes: VOA-CO **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	0.106	0.113	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

Total Solids

Log-in Notes: VOA-CO **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	**88.5**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: DUP (0-2') **York Sample ID:** 12L0616-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: VOA-CO **Sample Notes:**

Sample Prepared by Method: EPA 5035B

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	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
67-64-1	Acetone	**34**	B	ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
71-43-2	Benzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (0-2')** **York Sample ID:** **12L0616-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
67-66-3	Chloroform	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-09-2	Methylene chloride	**7.0**	J	ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
100-42-5	Styrene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
108-88-3	Toluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	36	1	EPA SW846-8260B	12/20/2012 14:27	12/21/2012 04:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*118 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*84-117*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (0-2')** **York Sample ID:** **12L0616-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**310**	IS-01	ug/kg dry	109	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
208-96-8	Acenaphthylene	ND	IS-01	ug/kg dry	144	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
62-53-3	Aniline	ND	IS-01	ug/kg dry	172	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
120-12-7	Anthracene	**765**	IS-01	ug/kg dry	164	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
56-55-3	Benzo(a)anthracene	**1950**	IS-01	ug/kg dry	113	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
50-32-8	Benzo(a)pyrene	**1250**	IS-01	ug/kg dry	119	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
205-99-2	Benzo(b)fluoranthene	**916**	IS-01	ug/kg dry	252	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
191-24-2	Benzo(g,h,i)perylene	**198**	IS-01, J	ug/kg dry	99.9	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
207-08-9	Benzo(k)fluoranthene	**1120**	IS-01	ug/kg dry	301	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
85-68-7	Benzyl butyl phthalate	ND	IS-01	ug/kg dry	166	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
101-55-3	4-Bromophenyl phenyl ether	ND	IS-01	ug/kg dry	145	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
59-50-7	4-Chloro-3-methylphenol	ND	IS-01	ug/kg dry	203	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
106-47-8	4-Chloroaniline	ND	IS-01	ug/kg dry	78.2	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
111-91-1	Bis(2-chloroethoxy)methane	ND	IS-01	ug/kg dry	103	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND	IS-01	ug/kg dry	153	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND	IS-01	ug/kg dry	106	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND	IS-01	ug/kg dry	208	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
91-58-7	2-Chloronaphthalene	ND	IS-01	ug/kg dry	162	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND	IS-01	ug/kg dry	176	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
218-01-9	Chrysene	**2190**	IS-01	ug/kg dry	138	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND	IS-01	ug/kg dry	121	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
132-64-9	Dibenzofuran	**167**	IS-01, J	ug/kg dry	140	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
84-74-2	Di-n-butyl phthalate	ND	IS-01	ug/kg dry	122	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
95-50-1	1,2-Dichlorobenzene	ND	IS-01	ug/kg dry	197	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
106-46-7	1,4-Dichlorobenzene	ND	IS-01	ug/kg dry	185	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
541-73-1	1,3-Dichlorobenzene	ND	IS-01	ug/kg dry	95.1	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
91-94-1	3,3'-Dichlorobenzidine	ND	IS-01	ug/kg dry	158	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
84-66-2	Diethyl phthalate	ND	IS-01	ug/kg dry	189	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
131-11-3	Dimethyl phthalate	ND	IS-01	ug/kg dry	134	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
606-20-2	2,6-Dinitrotoluene	ND	IS-01	ug/kg dry	155	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
121-14-2	2,4-Dinitrotoluene	ND	IS-01	ug/kg dry	133	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
117-84-0	Di-n-octyl phthalate	ND	IS-01	ug/kg dry	301	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
206-44-0	Fluoranthene	**5420**	IS-01	ug/kg dry	882	1500	5	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
86-73-7	Fluorene	**241**	J, IS-01	ug/kg dry	144	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
118-74-1	Hexachlorobenzene	ND	IS-01	ug/kg dry	178	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (0-2')** **York Sample ID:** **12L0616-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **VOA-CO]** **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
87-68-3	Hexachlorobutadiene	ND	IS-01	ug/kg dry	102	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
77-47-4	Hexachlorocyclopentadiene	ND	IS-01	ug/kg dry	224	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
67-72-1	Hexachloroethane	ND	IS-01	ug/kg dry	86.0	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**253**	IS-01, J	ug/kg dry	137	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
78-59-1	Isophorone	ND	IS-01	ug/kg dry	103	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
91-57-6	2-Methylnaphthalene	ND	IS-01	ug/kg dry	231	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
91-20-3	Naphthalene	**122**	IS-01, J	ug/kg dry	74.0	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
99-09-2	3-Nitroaniline	ND	IS-01	ug/kg dry	299	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
100-01-6	4-Nitroaniline	ND	IS-01	ug/kg dry	125	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
98-95-3	Nitrobenzene	ND	IS-01	ug/kg dry	88.5	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND	IS-01	ug/kg dry	100	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
62-75-9	N-Nitrosodimethylamine	ND	IS-01	ug/kg dry	123	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
86-30-6	N-Nitrosodiphenylamine	ND	IS-01	ug/kg dry	136	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
85-01-8	Phenanthrene	**3920**	IS-01	ug/kg dry	157	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
129-00-0	Pyrene	**5180**	IS-01	ug/kg dry	614	1500	5	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
110-86-1	Pyridine	ND	IS-01	ug/kg dry	211	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR
120-82-1	1,2,4-Trichlorobenzene	ND	IS-01	ug/kg dry	109	301	1	EPA SW-846 8270C	12/20/2012 07:04	12/26/2012 14:18	SR

	Surrogate Recoveries	Result		Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.0 %*	*IS-01*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.6 %*	*IS-01*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.8 %*	*IS-01*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes: **VOA-CO]** **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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	12/19/2012 07:11	12/26/2012 16:20	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*26.4 %*	*S-GC*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (0-2')** **York Sample ID:** **12L0616-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**5270**		mg/kg dry	1.23	2.41	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-36-0	Antimony	**1.11**		mg/kg dry	0.265	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-38-2	Arsenic	**23.1**		mg/kg dry	0.409	1.20	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-39-3	Barium	**291**		mg/kg dry	0.156	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.120	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-70-2	Calcium	**16100**		mg/kg dry	0.048	6.02	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-47-3	Chromium	**20.5**		mg/kg dry	0.144	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-48-4	Cobalt	**6.58**		mg/kg dry	0.096	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-50-8	Copper	**100**		mg/kg dry	0.144	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7439-89-6	Iron	**20000**		mg/kg dry	0.782	2.41	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7439-92-1	Lead	**976**		mg/kg dry	0.205	0.361	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7439-95-4	Magnesium	**1900**		mg/kg dry	0.542	6.02	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7439-96-5	Manganese	**282**		mg/kg dry	0.132	1.20	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-02-0	Nickel	**24.4**		mg/kg dry	0.156	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-09-7	Potassium	**923**		mg/kg dry	4.07	12.0	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7782-49-2	Selenium	**2.88**		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-22-4	Silver	ND		mg/kg dry	0.120	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-23-5	Sodium	**582**		mg/kg dry	6.34	12.0	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-28-0	Thallium	ND		mg/kg dry	0.385	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-62-2	Vanadium	**21.5**		mg/kg dry	0.132	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW
7440-66-6	Zinc	**293**		mg/kg dry	0.108	0.602	1	EPA SW846-6010B	12/18/2012 16:07	12/18/2012 23:02	MW

Mercury by 7470/7471

Log-in Notes: **VOA-CO]** **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	0.113	0.120	1	EPA SW846-7471	12/19/2012 08:55	12/19/2012 17:15	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (0-2')** **York Sample ID:** **12L0616-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Soil	December 13, 2012 3:00 pm	12/17/2012

Total Solids **Log-in Notes:** **VOA-CO** **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	**83.1**		%	0.100	0.100	1	SM 2540G	12/20/2012 13:08	12/20/2012 13:08	AMC

Sample Information

Client Sample ID: **GW-1** **York Sample ID:** **12L0616-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

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	12/21/2012 13:42	12/21/2012 17:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	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	12/21/2012 13:42	12/21/2012 17:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
67-64-1	Acetone	**6.7**	J	ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
71-43-2	Benzene	**0.98**	J	ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **GW-1** **York Sample ID:** **12L0616-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

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
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
156-59-2	cis-1,2-Dichloroethylene	**6.4**		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
108-88-3	Toluene	**0.81**	J	ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 17:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*118 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 12L0616-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals **Log-in Notes:** **Sample Notes:** EXT-EM

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	**7.72**		ug/L	1.86	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
208-96-8	Acenaphthylene	**2.18**	J	ug/L	1.83	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
120-12-7	Anthracene	ND		ug/L	1.25	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.38	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.37	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.48	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.80	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.93	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**44.9**		ug/L	5.03	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
218-01-9	Chrysene	ND		ug/L	1.55	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.64	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
206-44-0	Fluoranthene	ND		ug/L	1.31	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
86-73-7	Fluorene	ND		ug/L	1.93	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.34	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 12L0616-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: **Sample Notes:** EXT-EM

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	2.94	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
67-72-1	Hexachloroethane	ND		ug/L	3.20	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.79	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
91-20-3	Naphthalene	ND		ug/L	2.09	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
98-95-3	Nitrobenzene	ND		ug/L	1.78	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.409	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
85-01-8	Phenanthrene	ND		ug/L	1.44	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
129-00-0	Pyrene	ND		ug/L	1.82	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:05	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.4 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.1 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*64.3 %*	*30-130*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:36	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 12L0616-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

Polychlorinated Biphenyls (PCB)

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.6 %*			*30-150*						

Metals, Priority Pollutant

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
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-02-0	Nickel	**0.014**		mg/L	0.001	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7782-49-2	Selenium	**0.011**		mg/L	0.007	0.010	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:00	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	**0.0003**		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	12/19/2012 17:10	12/19/2012 17:10	AA

Sample Information

Client Sample ID: MW **York Sample ID:** 12L0616-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

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	2.3	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	5.9	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	3.4	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	13	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	4.2	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW

York Sample ID: 12L0616-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	5.2	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	9.1	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	4.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	9.8	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	4.4	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	3.6	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.3	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	4.8	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
78-93-3	2-Butanone	ND		ug/L	15	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
591-78-6	2-Hexanone	ND		ug/L	11	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	8.6	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
67-64-1	Acetone	ND		ug/L	61	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
71-43-2	Benzene	ND		ug/L	3.0	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-27-4	Bromodichloromethane	**39**	J	ug/L	4.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-25-2	Bromoform	ND		ug/L	5.8	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
74-83-9	Bromomethane	ND		ug/L	20	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-15-0	Carbon disulfide	ND		ug/L	5.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	5.6	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
108-90-7	Chlorobenzene	ND		ug/L	3.8	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-00-3	Chloroethane	ND		ug/L	28	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
67-66-3	Chloroform	ND		ug/L	4.2	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
74-87-3	Chloromethane	ND		ug/L	4.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	4.3	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	4.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	3.9	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	3.5	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
98-82-8	Isopropylbenzene	**32**	J	ug/L	6.3	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	**35**	J	ug/L	5.3	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-09-2	Methylene chloride	ND		ug/L	24	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
91-20-3	Naphthalene	**20**	J	ug/L	12	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
104-51-8	n-Butylbenzene	**25**	J	ug/L	3.0	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
103-65-1	n-Propylbenzene	**54**		ug/L	5.4	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
95-47-6	o-Xylene	ND		ug/L	2.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW

York Sample ID: 12L0616-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

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
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	5.3	100	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
135-98-8	sec-Butylbenzene	**17**	J	ug/L	5.9	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
100-42-5	Styrene	ND		ug/L	2.2	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	14	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	4.1	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
108-88-3	Toluene	ND		ug/L	1.7	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	5.2	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	6.7	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
79-01-6	Trichloroethylene	ND		ug/L	1.6	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	5.4	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	6.8	50	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	5.5	150	10	EPA SW846-8260B/EPA 624	12/21/2012 13:42	12/21/2012 18:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.4 %*	*81.2-127*

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

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	**5.30**	J	ug/L	3.08	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
208-96-8	Acenaphthylene	ND		ug/L	3.03	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
62-53-3	Aniline	ND		ug/L	2.61	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
120-12-7	Anthracene	ND		ug/L	2.07	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.28	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.26	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.45	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.97	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.18	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.48	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.31	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
106-47-8	4-Chloroaniline	ND		ug/L	5.18	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.08	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.61	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.20	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	8.31	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW

York Sample ID: 12L0616-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	3.83	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	4.26	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
218-01-9	Chrysene	ND		ug/L	2.56	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.71	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
132-64-9	Dibenzofuran	ND		ug/L	4.19	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.57	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	4.54	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	4.33	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.84	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.21	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
84-66-2	Diethyl phthalate	ND		ug/L	4.45	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
131-11-3	Dimethyl phthalate	ND		ug/L	3.32	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.80	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.80	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.95	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
206-44-0	Fluoranthene	ND		ug/L	2.16	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
86-73-7	Fluorene	**3.63**	J	ug/L	3.18	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.21	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	4.85	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	4.40	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
67-72-1	Hexachloroethane	ND		ug/L	5.29	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.96	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
78-59-1	Isophorone	ND		ug/L	4.66	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	4.80	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
91-20-3	Naphthalene	**11.4**		ug/L	3.46	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
100-01-6	4-Nitroaniline	ND		ug/L	4.66	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.92	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.92	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
98-95-3	Nitrobenzene	ND		ug/L	2.94	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	4.45	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.677	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	8.70	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
85-01-8	Phenanthrene	**7.22**	J	ug/L	2.38	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
129-00-0	Pyrene	ND		ug/L	3.01	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW

York Sample ID: 12L0616-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	6.80	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	4.30	8.70	1	EPA SW-846 8270C	12/19/2012 08:02	12/19/2012 14:36	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.1 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*48.4 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.8 %*	*30-130*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D

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
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW
1336-36-3	Total PCBs	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8082	12/19/2012 08:00	12/26/2012 16:55	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.2 %*	*30-150*

Metals, Priority Pollutant

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
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-50-8	Copper	**0.008**		mg/L	0.002	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7439-92-1	Lead	**0.143**		mg/L	0.002	0.003	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-02-0	Nickel	**0.010**		mg/L	0.001	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7782-49-2	Selenium	**0.017**		mg/L	0.007	0.010	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW
7440-66-6	Zinc	**0.052**		mg/L	0.002	0.020	1	EPA SW846-6010B	12/18/2012 15:58	12/18/2012 19:05	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW

York Sample ID: 12L0616-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0616	501 Leonard Street, Greenpoint	Water	December 13, 2012 3:00 pm	12/17/2012

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	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	12/19/2012 17:10	12/19/2012 17:10	AA

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BL20781 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-08	GW-1	12/18/12
12L0616-09	MW	12/18/12
BL20781-BLK1	Blank	12/18/12
BL20781-SRM1	Reference	12/18/12

Batch ID: BL20785 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-01	SB-1 (0-2')	12/18/12
12L0616-02	SB-1 (4-6')	12/18/12
12L0616-03	SB-2 (0-2')	12/18/12
12L0616-04	SB-2 (4-6')	12/18/12
12L0616-05	SB-3 (0-2')	12/18/12
12L0616-06	SB-3 (4-6')	12/18/12
12L0616-07	DUP (0-2')	12/18/12
BL20785-BLK1	Blank	12/18/12
BL20785-DUP1	Duplicate	12/18/12
BL20785-MS1	Matrix Spike	12/18/12
BL20785-SRM1	Reference	12/18/12

Batch ID: BL20791 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-01	SB-1 (0-2')	12/19/12
12L0616-02	SB-1 (4-6')	12/19/12
12L0616-03	SB-2 (0-2')	12/19/12
12L0616-04	SB-2 (4-6')	12/19/12
12L0616-05	SB-3 (0-2')	12/19/12
12L0616-06	SB-3 (4-6')	12/19/12
12L0616-07	DUP (0-2')	12/19/12
BL20791-BLK1	Blank	12/19/12
BL20791-BS1	LCS	12/19/12
BL20791-MS1	Matrix Spike	12/19/12
BL20791-MSD1	Matrix Spike Dup	12/19/12

Batch ID: BL20798 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-08	GW-1	12/19/12
12L0616-09	MW	12/19/12
BL20798-BLK1	Blank	12/19/12
BL20798-BS1	LCS	12/19/12
BL20798-BSD1	LCS Dup	12/19/12

Batch ID: BL20800 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-08	GW-1	12/19/12
12L0616-09	MW	12/19/12
BL20800-BLK1	Blank	12/19/12
BL20800-BS1	LCS	12/19/12
BL20800-BSD1	LCS Dup	12/19/12

Batch ID: BL20809 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-08	GW-1	12/19/12
12L0616-09	MW	12/19/12
BL20809-BLK1	Blank	12/19/12
BL20809-BS1	LCS	12/19/12

Batch ID: BL20811 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-01	SB-1 (0-2')	12/19/12
12L0616-02	SB-1 (4-6')	12/19/12
12L0616-03	SB-2 (0-2')	12/19/12
12L0616-04	SB-2 (4-6')	12/19/12
12L0616-05	SB-3 (0-2')	12/19/12
12L0616-06	SB-3 (4-6')	12/19/12
12L0616-07	DUP (0-2')	12/19/12
BL20811-BLK1	Blank	12/19/12
BL20811-BS1	LCS	12/19/12
BL20811-DUP1	Duplicate	12/19/12
BL20811-MS1	Matrix Spike	12/19/12

Batch ID: BL20845 **Preparation Method:** % Solids Prep **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-01	SB-1 (0-2')	12/20/12
12L0616-02	SB-1 (4-6')	12/20/12
12L0616-03	SB-2 (0-2')	12/20/12
12L0616-04	SB-2 (4-6')	12/20/12
12L0616-05	SB-3 (0-2')	12/20/12
12L0616-06	SB-3 (4-6')	12/20/12
12L0616-07	DUP (0-2')	12/20/12

Batch ID: BL20854 **Preparation Method:** EPA 3545A **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-01	SB-1 (0-2')	12/20/12
12L0616-02	SB-1 (4-6')	12/20/12
12L0616-03	SB-2 (0-2')	12/20/12
12L0616-04	SB-2 (4-6')	12/20/12
12L0616-05	SB-3 (0-2')	12/20/12
12L0616-06	SB-3 (4-6')	12/20/12
12L0616-07	DUP (0-2')	12/20/12

BL20854-BLK1	Blank	12/20/12
BL20854-BS1	LCS	12/20/12
BL20854-MS1	Matrix Spike	12/20/12
BL20854-MSD1	Matrix Spike Dup	12/20/12

Batch ID: BL20898 **Preparation Method:** EPA 5035B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-01	SB-1 (0-2')	12/20/12
12L0616-02	SB-1 (4-6')	12/20/12
12L0616-03	SB-2 (0-2')	12/20/12
12L0616-04	SB-2 (4-6')	12/20/12
12L0616-05	SB-3 (0-2')	12/20/12
12L0616-06	SB-3 (4-6')	12/20/12
12L0616-07	DUP (0-2')	12/20/12
BL20898-BLK1	Blank	12/20/12
BL20898-BS1	LCS	12/20/12
BL20898-BSD1	LCS Dup	12/20/12
BL20898-MS1	Matrix Spike	12/20/12
BL20898-MSD1	Matrix Spike Dup	12/20/12

Batch ID: BL20949 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12L0616-08	GW-1	12/21/12
12L0616-09	MW	12/21/12
BL20949-BLK1	Blank	12/21/12
BL20949-BS1	LCS	12/21/12
BL20949-BS2	LCS	12/21/12
BL20949-BSD1	LCS Dup	12/21/12
BL20949-BSD2	LCS Dup	12/21/12

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20898 - EPA 5035B											
Blank (BL20898-BLK1)											Prepared: 12/20/2012 Analyzed: 12/21/2012
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	2.6	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	ND	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	*63.2*		*ug/L*	*50.0*		*126*	*73-130*				
Surrogate: p-Bromofluorobenzene	*56.7*		*"*	*50.0*		*113*	*72-127*				
Surrogate: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*84-117*				

YORK
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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 BL20898 - EPA 5035B											
LCS (BL20898-BS1)							Prepared & Analyzed: 12/20/2012				
1,1,1-Trichloroethane	59		ug/L	50.0		118	77-131				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.4	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	75-143				
1,1,2-Trichloroethane	47		"	50.0		93.2	72-128				
1,1-Dichloroethane	52		"	50.0		103	78-133				
1,1-Dichloroethylene	43		"	50.0		85.1	71-142				
1,2,4-Trichlorobenzene	58		"	50.0		116	59-133				
1,2,4-Trimethylbenzene	46		"	50.0		92.7	68-128				
1,2-Dibromo-3-chloropropane	55		"	50.0		109	58-145				
1,2-Dibromoethane	51		"	50.0		103	73-128				
1,2-Dichloroethane	57		"	50.0		114	78-131				
1,2-Dichloropropane	44		"	50.0		88.1	72-129				
1,3,5-Trimethylbenzene	47		"	50.0		94.1	67-125				
2-Butanone	52		"	50.0		104	49-138				
2-Hexanone	50		"	50.0		99.8	52-137				
4-Methyl-2-pentanone	38		"	50.0		75.4	56-130				
Acetone	39		"	50.0		78.7	21-131				
Benzene	48		"	50.0		97.0	81-125				
Bromodichloromethane	52		"	50.0		104	73-131				
Bromoform	54		"	50.0		107	66-137				
Bromomethane	43		"	50.0		86.5	55-144				
Carbon disulfide	84		"	100		83.6	59-145				
Carbon tetrachloride	56		"	50.0		111	74-137				
Chlorobenzene	48		"	50.0		95.3	75-127				
Chloroethane	51		"	50.0		101	65-138				
Chloroform	53		"	50.0		107	82-128				
Chloromethane	60		"	50.0		121	51-138				
cis-1,2-Dichloroethylene	50		"	50.0		101	77-130				
cis-1,3-Dichloropropylene	49		"	50.0		98.1	68-123				
Dibromochloromethane	53		"	50.0		106	73-136				
Dichlorodifluoromethane	73		"	50.0		145	10-183				
Ethyl Benzene	47		"	50.0		94.7	75-130				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	76-136				
Methylene chloride	46		"	50.0		91.9	55-143				
Naphthalene	52		"	50.0		104	65-140				
n-Butylbenzene	41		"	50.0		81.5	63-123				
n-Propylbenzene	45		"	50.0		90.0	65-127				
o-Xylene	46		"	50.0		92.9	71-123				
p- & m- Xylenes	94		"	100		94.3	72-127				
sec-Butylbenzene	47		"	50.0		93.4	69-125				
Styrene	47		"	50.0		93.4	74-127				
tert-Butylbenzene	46		"	50.0		92.6	59-164				
Tetrachloroethylene	57		"	50.0		113	65-151				
Toluene	45		"	50.0		90.6	72-127				
trans-1,2-Dichloroethylene	51		"	50.0		102	73-137				
trans-1,3-Dichloropropylene	49		"	50.0		97.6	67-131				
Trichloroethylene	50		"	50.0		100	73-129				
Trichlorofluoromethane	48		"	50.0		96.5	69-136				
Vinyl Chloride	54		"	50.0		107	58-132				
Surrogate: 1,2-Dichloroethane-d4	*60.2*		*"*	*50.0*		*120*	*73-130*				
Surrogate: p-Bromofluorobenzene	*54.9*		*"*	*50.0*		*110*	*72-127*				
Surrogate: Toluene-d8	*47.1*		*"*	*50.0*		*94.1*	*84-117*				

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

York Analytical Laboratories, Inc.

Batch BL20898 - EPA 5035B

LCS Dup (BL20898-BSD1) Prepared: 12/20/2012 Analyzed: 12/21/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1-Trichloroethane	57		ug/L	50.0		114	77-131		3.38	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.7	68-129		3.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.2	75-143		6.28	30	
1,1,2-Trichloroethane	48		"	50.0		95.2	72-128		2.19	30	
1,1-Dichloroethane	49		"	50.0		98.0	78-133		5.40	30	
1,1-Dichloroethylene	37		"	50.0		74.0	71-142		13.9	30	
1,2,4-Trichlorobenzene	52		"	50.0		103	59-133		11.3	30	
1,2,4-Trimethylbenzene	45		"	50.0		89.4	68-128		3.62	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		108	58-145		1.05	30	
1,2-Dibromoethane	51		"	50.0		102	73-128		0.371	30	
1,2-Dichloroethane	55		"	50.0		110	78-131		3.71	30	
1,2-Dichloropropane	45		"	50.0		90.8	72-129		3.04	30	
1,3,5-Trimethylbenzene	46		"	50.0		92.7	67-125		1.48	30	
2-Butanone	45		"	50.0		89.9	49-138		14.4	30	
2-Hexanone	49		"	50.0		97.9	52-137		1.90	30	
4-Methyl-2-pentanone	37		"	50.0		74.0	56-130		1.90	30	
Acetone	26		"	50.0		52.8	21-131		39.4	30	Non-dir.
Benzene	47		"	50.0		93.1	81-125		4.04	30	
Bromodichloromethane	53		"	50.0		105	73-131		1.53	30	
Bromoform	56		"	50.0		111	66-137		3.33	30	
Bromomethane	36		"	50.0		71.1	55-144		19.5	30	
Carbon disulfide	74		"	100		74.4	59-145		11.6	30	
Carbon tetrachloride	54		"	50.0		109	74-137		2.62	30	
Chlorobenzene	47		"	50.0		93.9	75-127		1.52	30	
Chloroethane	45		"	50.0		90.5	65-138		11.4	30	
Chloroform	52		"	50.0		103	82-128		3.18	30	
Chloromethane	57		"	50.0		113	51-138		6.55	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.6	77-130		5.10	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.4	68-123		1.30	30	
Dibromochloromethane	55		"	50.0		110	73-136		3.79	30	
Dichlorodifluoromethane	68		"	50.0		136	10-183		6.38	30	
Ethyl Benzene	47		"	50.0		93.5	75-130		1.25	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	76-136		5.23	30	
Methylene chloride	40		"	50.0		80.7	55-143		13.0	30	
Naphthalene	52		"	50.0		104	65-140		0.827	30	
n-Butylbenzene	39		"	50.0		77.7	63-123		4.72	30	
n-Propylbenzene	45		"	50.0		89.3	65-127		0.825	30	
o-Xylene	45		"	50.0		90.5	71-123		2.70	30	
p- & m- Xylenes	91		"	100		90.6	72-127		4.01	30	
sec-Butylbenzene	46		"	50.0		92.4	69-125		1.08	30	
Styrene	45		"	50.0		89.7	74-127		4.06	30	
tert-Butylbenzene	47		"	50.0		93.9	59-164		1.44	30	
Tetrachloroethylene	54		"	50.0		109	65-151		4.10	30	
Toluene	45		"	50.0		89.6	72-127		1.15	30	
trans-1,2-Dichloroethylene	48		"	50.0		96.7	73-137		5.04	30	
trans-1,3-Dichloropropylene	50		"	50.0		99.9	67-131		2.37	30	
Trichloroethylene	51		"	50.0		101	73-129		1.23	30	
Trichlorofluoromethane	43		"	50.0		85.2	69-136		12.4	30	
Vinyl Chloride	49		"	50.0		97.9	58-132		9.26	30	
Surrogate: 1,2-Dichloroethane-d4	*58.4*		*"*	*50.0*		*117*	*73-130*				
Surrogate: p-Bromofluorobenzene	*57.1*		*"*	*50.0*		*114*	*72-127*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*84-117*				

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

York Analytical Laboratories, Inc.

Batch BL20898 - EPA 5035B

Matrix Spike (BL20898-MS1) *Source sample: 12L0616-01 (SB-1 (0-2')) Prepared: 12/20/2012 Analyzed: 12/21/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1-Trichloroethane	45		ug/L	50.0	ND	90.6	60-128				
1,1,2,2-Tetrachloroethane	28		"	50.0	ND	55.9	20-143				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36		"	50.0	ND	72.6	52-129				
1,1,2-Trichloroethane	38		"	50.0	ND	76.1	53-126				
1,1-Dichloroethane	42		"	50.0	ND	84.9	62-129				
1,1-Dichloroethylene	34		"	50.0	ND	67.6	50-138				
1,2,4-Trichlorobenzene	13		"	50.0	ND	25.3	10-113				
1,2,4-Trimethylbenzene	25		"	50.0	ND	49.8	10-173				
1,2-Dibromo-3-chloropropane	34		"	50.0	ND	68.8	16-151				
1,2-Dibromoethane	32		"	50.0	ND	63.0	37-134				
1,2-Dichloroethane	38		"	50.0	ND	76.7	53-133				
1,2-Dichloropropane	39		"	50.0	ND	77.4	58-126				
1,3,5-Trimethylbenzene	26		"	50.0	ND	53.0	10-155				
2-Butanone	43		"	50.0	2.6	80.2	13-140				
2-Hexanone	40		"	50.0	ND	80.5	10-149				
4-Methyl-2-pentanone	37		"	50.0	ND	73.0	17-136				
Acetone	58		"	50.0	35	46.6	10-130				
Benzene	35		"	50.0	ND	70.6	52-127				
Bromodichloromethane	41		"	50.0	ND	81.1	50-132				
Bromoform	36		"	50.0	ND	72.8	31-138				
Bromomethane	32		"	50.0	ND	63.5	20-141				
Carbon disulfide	41		"	100	ND	41.4	33-130				
Carbon tetrachloride	40		"	50.0	ND	79.3	52-131				
Chlorobenzene	26		"	50.0	ND	52.3	36-125				
Chloroethane	39		"	50.0	ND	77.6	35-143				
Chloroform	40		"	50.0	ND	80.7	62-127				
Chloromethane	43		"	50.0	ND	87.0	36-128				
cis-1,2-Dichloroethylene	30		"	50.0	ND	59.6	51-128				
cis-1,3-Dichloropropylene	28		"	50.0	ND	56.3	27-126				
Dibromochloromethane	39		"	50.0	ND	78.3	42-137				
Dichlorodifluoromethane	46		"	50.0	ND	92.8	10-143				
Ethyl Benzene	30		"	50.0	ND	60.3	32-131				
Methyl tert-butyl ether (MTBE)	46		"	50.0	ND	91.8	55-144				
Methylene chloride	37		"	50.0	7.1	60.1	17-147				
Naphthalene	13		"	50.0	2.2	21.0	10-142				
n-Butylbenzene	18		"	50.0	ND	35.4	10-116				
n-Propylbenzene	25		"	50.0	ND	49.9	70-130	Low Bias			
o-Xylene	30		"	50.0	ND	59.8	70-130	Low Bias			
p- & m- Xylenes	58		"	100	ND	58.0	70-130	Low Bias			
sec-Butylbenzene	25		"	50.0	ND	50.8	12-129				
Styrene	23		"	50.0	ND	45.2	13-130				
tert-Butylbenzene	24		"	50.0	ND	47.1	20-149				
Tetrachloroethylene	47		"	50.0	ND	94.0	26-179				
Toluene	32		"	50.0	ND	63.1	30-138				
trans-1,2-Dichloroethylene	28		"	50.0	ND	56.4	46-132				
trans-1,3-Dichloropropylene	23		"	50.0	ND	45.4	20-132				
Trichloroethylene	39		"	50.0	ND	78.6	31-152				
Trichlorofluoromethane	40		"	50.0	ND	80.9	50-129				
Vinyl Chloride	35		"	50.0	ND	70.7	41-124				
Surrogate: 1,2-Dichloroethane-d4	*58.1*		*"*	*50.0*		*116*	*73-130*				
Surrogate: p-Bromofluorobenzene	*54.4*		*"*	*50.0*		*109*	*72-127*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*84-117*				

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Batch BL20898 - EPA 5035B

Matrix Spike Dup (BL20898-MSD1) *Source sample: 12L0616-01 (SB-1 (0-2')) Prepared: 12/20/2012 Analyzed: 12/21/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1-Trichloroethane	45		ug/L	50.0	ND	90.5	60-128		0.0663	30	
1,1,2,2-Tetrachloroethane	25		"	50.0	ND	49.3	20-143		12.5	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36		"	50.0	ND	72.1	52-129		0.719	31	
1,1,2-Trichloroethane	35		"	50.0	ND	70.8	53-126		7.16	40	
1,1-Dichloroethane	42		"	50.0	ND	83.3	62-129		1.81	36	
1,1-Dichloroethylene	30		"	50.0	ND	59.6	50-138		12.5	31	
1,2,4-Trichlorobenzene	11		"	50.0	ND	21.4	10-113		17.0	52	
1,2,4-Trimethylbenzene	22		"	50.0	ND	44.3	10-173		11.6	242	
1,2-Dibromo-3-chloropropane	30		"	50.0	ND	59.2	16-151		14.9	54	
1,2-Dibromoethane	28		"	50.0	ND	56.2	37-134		11.5	39	
1,2-Dichloroethane	37		"	50.0	ND	74.3	53-133		3.18	32	
1,2-Dichloropropane	37		"	50.0	ND	74.7	58-126		3.63	37	
1,3,5-Trimethylbenzene	24		"	50.0	ND	47.3	10-155		11.4	62	
2-Butanone	41		"	50.0	2.6	77.2	13-140		3.81	67	
2-Hexanone	32		"	50.0	ND	64.1	10-149		22.7	60	
4-Methyl-2-pentanone	32		"	50.0	ND	63.4	17-136		14.1	47	
Acetone	48		"	50.0	35	27.1	10-130		52.9	150	
Benzene	34		"	50.0	ND	68.1	52-127		3.60	64	
Bromodichloromethane	38		"	50.0	ND	77.0	50-132		5.24	37	
Bromoform	32		"	50.0	ND	63.9	31-138		13.0	51	
Bromomethane	29		"	50.0	ND	58.6	20-141		8.02	42	
Carbon disulfide	39		"	100	ND	38.8	33-130		6.56	36	
Carbon tetrachloride	40		"	50.0	ND	79.1	52-131		0.328	31	
Chlorobenzene	25		"	50.0	ND	49.3	36-125		5.90	32	
Chloroethane	37		"	50.0	ND	75.0	35-143		3.46	40	
Chloroform	40		"	50.0	ND	80.8	62-127		0.173	29	
Chloromethane	43		"	50.0	ND	86.3	36-128		0.808	31	
cis-1,2-Dichloroethylene	28		"	50.0	ND	56.8	51-128		4.84	30	
cis-1,3-Dichloropropylene	26		"	50.0	ND	51.7	27-126		8.48	39	
Dibromochloromethane	36		"	50.0	ND	72.6	42-137		7.55	41	
Dichlorodifluoromethane	47		"	50.0	ND	94.3	10-143		1.52	34	
Ethyl Benzene	29		"	50.0	ND	57.3	32-131		5.20	42	
Methyl tert-butyl ether (MTBE)	44		"	50.0	ND	87.8	55-144		4.48	47	
Methylene chloride	34		"	50.0	7.1	53.0	17-147		12.6	49	
Naphthalene	13		"	50.0	2.2	20.7	10-142		1.34	95	
n-Butylbenzene	15		"	50.0	ND	30.7	10-116		14.2	96	
n-Propylbenzene	23		"	50.0	ND	46.7	70-130	Low Bias	6.59	56	
o-Xylene	27		"	50.0	ND	54.6	70-130	Low Bias	9.02	51	
p- & m- Xylenes	54		"	100	ND	53.9	70-130	Low Bias	7.26	47	
sec-Butylbenzene	23		"	50.0	ND	46.2	12-129		9.40	56	
Styrene	20		"	50.0	ND	39.8	13-130		12.7	39	
tert-Butylbenzene	22		"	50.0	ND	44.2	20-149		6.35	79	
Tetrachloroethylene	43		"	50.0	ND	85.8	26-179		9.15	33	
Toluene	30		"	50.0	ND	60.8	30-138		3.78	50	
trans-1,2-Dichloroethylene	26		"	50.0	ND	52.5	46-132		7.17	34	
trans-1,3-Dichloropropylene	20		"	50.0	ND	40.3	20-132		11.9	39	
Trichloroethylene	35		"	50.0	ND	70.7	31-152		10.6	33	
Trichlorofluoromethane	35		"	50.0	ND	70.1	50-129		14.4	32	
Vinyl Chloride	35		"	50.0	ND	69.7	41-124		1.40	35	
Surrogate: 1,2-Dichloroethane-d4	*60.0*		*"*	*50.0*		*120*	*73-130*				
Surrogate: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*72-127*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*84-117*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20949 - EPA 5030B											
Blank (BL20949-BLK1)								Prepared & Analyzed: 12/21/2012			
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	ND	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	*58.7*		*"*	*50.0*		*117*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*57.2*		*"*	*50.0*		*114*	*63.5-145*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20949 - EPA 5030B											
LCS (BL20949-BS1)							Prepared & Analyzed: 12/21/2012				
1,1,1-Trichloroethane	60		ug/L	50.0		119	75.6-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		100	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.2	71.1-129				
1,1,2-Trichloroethane	50		"	50.0		100	74.5-129				
1,1-Dichloroethane	52		"	50.0		103	79.6-132				
1,1-Dichloroethylene	41		"	50.0		82.9	80.2-146				
1,2,4-Trichlorobenzene	66		"	50.0		131	70.6-136				
1,2,4-Trimethylbenzene	52		"	50.0		104	70-130				
1,2-Dibromo-3-chloropropane	62		"	50.0		124	58.9-140				
1,2-Dibromoethane	55		"	50.0		109	79-130				
1,2-Dichloroethane	56		"	50.0		112	74.6-132				
1,2-Dichloropropane	48		"	50.0		96.0	76.9-129				
1,3,5-Trimethylbenzene	52		"	50.0		105	70-130				
2-Butanone	46		"	50.0		91.8	66.7-132				
2-Hexanone	48		"	50.0		95.5	68.1-137				
4-Methyl-2-pentanone	37		"	50.0		73.5	62.2-130				
Acetone	29		"	50.0		58.6	15-186				
Benzene	49		"	50.0		97.1	76.2-129				
Bromodichloromethane	56		"	50.0		112	79.7-134				
Bromoform	59		"	50.0		118	70.5-141				
Bromomethane	41		"	50.0		82.1	43.9-147				
Carbon disulfide	78		"	100		77.6	64-123				
Carbon tetrachloride	57		"	50.0		114	78.1-138				
Chlorobenzene	52		"	50.0		104	80.4-125				
Chloroethane	48		"	50.0		96.1	55.8-140				
Chloroform	53		"	50.0		107	76.6-133				
Chloromethane	57		"	50.0		114	48.8-115				
cis-1,2-Dichloroethylene	52		"	50.0		103	75.1-128				
cis-1,3-Dichloropropylene	54		"	50.0		108	74.5-128				
Dibromochloromethane	58		"	50.0		117	79.8-134				
Dichlorodifluoromethane	58		"	50.0		117	47.1-101	High Bias			
Ethyl Benzene	52		"	50.0		104	80.8-128				
Isopropylbenzene	52		"	50.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.6	65.1-140				
Methylene chloride	48		"	50.0		95.3	61.3-120				
Naphthalene	59		"	50.0		118	70-130				
n-Butylbenzene	47		"	50.0		94.5	70-130				
n-Propylbenzene	50		"	50.0		100	70-130				
o-Xylene	50		"	50.0		101	75.9-122				
p- & m- Xylenes	100		"	100		100	77.7-127				
sec-Butylbenzene	52		"	50.0		104	70-130				
Styrene	50		"	50.0		101	77.8-123				
tert-Butylbenzene	52		"	50.0		104	70-130				
Tetrachloroethylene	58		"	50.0		117	63.6-167				
Toluene	49		"	50.0		99.0	77-123				
trans-1,2-Dichloroethylene	51		"	50.0		101	76.3-139				
trans-1,3-Dichloropropylene	55		"	50.0		110	72.5-137				
Trichloroethylene	55		"	50.0		111	77.9-130				
Trichlorofluoromethane	45		"	50.0		89.7	57.4-133				
Vinyl Chloride	49		"	50.0		97.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*58.6*		*"*	*50.0*		*117*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*63.5-145*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.7*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20949 - EPA 5030B											
LCS (BL20949-BS2)							Prepared & Analyzed: 12/21/2012				
1,1,1-Trichloroethane	ND	5.0	ug/L				75.6-137				
1,1,2,2-Tetrachloroethane	ND	5.0	"				71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"				71.1-129				
1,1,2-Trichloroethane	ND	5.0	"				74.5-129				
1,1-Dichloroethane	ND	5.0	"				79.6-132				
1,1-Dichloroethylene	ND	5.0	"				80.2-146				
1,2,4-Trichlorobenzene	ND	10	"				70.6-136				
1,2,4-Trimethylbenzene	ND	5.0	"				70-130				
1,2-Dibromo-3-chloropropane	ND	10	"				58.9-140				
1,2-Dibromoethane	ND	5.0	"				79-130				
1,2-Dichloroethane	ND	5.0	"				74.6-132				
1,2-Dichloropropane	ND	5.0	"				76.9-129				
1,3,5-Trimethylbenzene	ND	5.0	"				70-130				
2-Butanone	ND	10	"				66.7-132				
2-Hexanone	ND	5.0	"				68.1-137				
4-Methyl-2-pentanone	ND	10	"				62.2-130				
Acetone	ND	10	"				15-186				
Benzene	ND	5.0	"				76.2-129				
Bromodichloromethane	ND	5.0	"				79.7-134				
Bromoform	ND	5.0	"				70.5-141				
Bromomethane	ND	5.0	"				43.9-147				
Carbon disulfide	ND	5.0	"				64-123				
Carbon tetrachloride	ND	5.0	"				78.1-138				
Chlorobenzene	ND	5.0	"				80.4-125				
Chloroethane	ND	5.0	"				55.8-140				
Chloroform	ND	5.0	"				76.6-133				
Chloromethane	ND	5.0	"				48.8-115				
cis-1,2-Dichloroethylene	ND	5.0	"				75.1-128				
cis-1,3-Dichloropropylene	ND	5.0	"				74.5-128				
Dibromochloromethane	ND	5.0	"				79.8-134				
Dichlorodifluoromethane	ND	5.0	"				47.1-101				
Ethyl Benzene	ND	5.0	"				80.8-128				
Isopropylbenzene	ND	5.0	"				75.5-135				
Methyl tert-butyl ether (MTBE)	ND	5.0	"				65.1-140				
Methylene chloride	ND	10	"				61.3-120				
Naphthalene	ND	10	"				70-130				
n-Butylbenzene	ND	5.0	"				70-130				
n-Propylbenzene	ND	5.0	"				70-130				
o-Xylene	ND	5.0	"				75.9-122				
p- & m- Xylenes	ND	10	"				77.7-127				
sec-Butylbenzene	ND	5.0	"				70-130				
Styrene	ND	5.0	"				77.8-123				
tert-Butylbenzene	ND	5.0	"				70-130				
Tetrachloroethylene	ND	5.0	"				63.6-167				
Toluene	ND	5.0	"				77-123				
trans-1,2-Dichloroethylene	ND	5.0	"				76.3-139				
trans-1,3-Dichloropropylene	ND	5.0	"				72.5-137				
Trichloroethylene	ND	5.0	"				77.9-130				
Trichlorofluoromethane	ND	5.0	"				57.4-133				
Vinyl Chloride	ND	5.0	"				54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*60.2*		*"*	*50.0*		*120*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Batch BL20949 - EPA 5030B

LCS Dup (BL20949-BSD1) — Prepared & Analyzed: 12/21/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1-Trichloroethane	54		ug/L	50.0		108	75.6-137		9.73	19.7	
1,1,2,2-Tetrachloroethane	47		"	50.0		93.3	71.3-131		7.45	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		91.6	71.1-129		8.05	21.7	
1,1,2-Trichloroethane	46		"	50.0		91.5	74.5-129		9.31	20.3	
1,1-Dichloroethane	47		"	50.0		93.1	79.6-132		10.6	20.6	
1,1-Dichloroethylene	39		"	50.0		77.9	80.2-146	Low Bias	6.15	20	
1,2,4-Trichlorobenzene	62		"	50.0		124	70.6-136		5.99	21.7	
1,2,4-Trimethylbenzene	46		"	50.0		92.5	70-130		11.5	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		112	58.9-140		9.89	27.7	
1,2-Dibromoethane	50		"	50.0		101	79-130		7.87	23	
1,2-Dichloroethane	52		"	50.0		103	74.6-132		8.26	20.2	
1,2-Dichloropropane	44		"	50.0		87.6	76.9-129		9.13	20.7	
1,3,5-Trimethylbenzene	47		"	50.0		93.5	70-130		11.3	30	
2-Butanone	47		"	50.0		94.0	66.7-132		2.37	22	
2-Hexanone	46		"	50.0		93.0	68.1-137		2.61	20.5	
4-Methyl-2-pentanone	35		"	50.0		70.6	62.2-130		4.05	18	
Acetone	26		"	50.0		51.7	15-186		12.4	57	
Benzene	44		"	50.0		87.4	76.2-129		10.6	19	
Bromodichloromethane	51		"	50.0		101	79.7-134		10.3	21	
Bromoform	55		"	50.0		110	70.5-141		6.98	21.8	
Bromomethane	36		"	50.0		71.2	43.9-147		14.2	28.4	
Carbon disulfide	71		"	100		71.2	64-123		8.62	20	
Carbon tetrachloride	51		"	50.0		103	78.1-138		10.8	20.1	
Chlorobenzene	47		"	50.0		93.9	80.4-125		10.3	19.9	
Chloroethane	44		"	50.0		87.1	55.8-140		9.83	23.3	
Chloroform	48		"	50.0		96.6	76.6-133		10.0	20.3	
Chloromethane	51		"	50.0		102	48.8-115		11.6	24.5	
cis-1,2-Dichloroethylene	46		"	50.0		92.1	75.1-128		11.3	20.5	
cis-1,3-Dichloropropylene	50		"	50.0		99.8	74.5-128		8.31	19.9	
Dibromochloromethane	53		"	50.0		106	79.8-134		9.08	21.3	
Dichlorodifluoromethane	53		"	50.0		106	47.1-101	High Bias	9.54	23.9	
Ethyl Benzene	47		"	50.0		93.8	80.8-128		10.8	19.2	
Isopropylbenzene	46		"	50.0		93.0	75.5-135		10.3	20	
Methyl tert-butyl ether (MTBE)	45		"	50.0		91.0	65.1-140		8.06	23.6	
Methylene chloride	44		"	50.0		87.8	61.3-120		8.19	20.4	
Naphthalene	55		"	50.0		110	70-130		6.65	30	
n-Butylbenzene	42		"	50.0		84.6	70-130		11.1	30	
n-Propylbenzene	45		"	50.0		90.7	70-130		9.76	30	
o-Xylene	45		"	50.0		89.9	75.9-122		11.2	19.3	
p- & m- Xylenes	91		"	100		90.6	77.7-127		10.3	18.6	
sec-Butylbenzene	46		"	50.0		92.7	70-130		11.0	30	
Styrene	45		"	50.0		90.8	77.8-123		10.6	20.9	
tert-Butylbenzene	47		"	50.0		93.8	70-130		10.7	30	
Tetrachloroethylene	52		"	50.0		104	63.6-167		11.9	27.7	
Toluene	45		"	50.0		89.7	77-123		9.81	18.7	
trans-1,2-Dichloroethylene	47		"	50.0		93.0	76.3-139		8.29	19.5	
trans-1,3-Dichloropropylene	50		"	50.0		99.7	72.5-137		10.0	19.3	
Trichloroethylene	50		"	50.0		99.7	77.9-130		10.4	20.5	
Trichlorofluoromethane	42		"	50.0		84.3	57.4-133		6.25	21.4	
Vinyl Chloride	45		"	50.0		89.9	54.9-124		8.07	22.3	
Surrogate: 1,2-Dichloroethane-d4	*58.0*		*"*	*50.0*		*116*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*54.8*		*"*	*50.0*		*110*	*63.5-145*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20949 - EPA 5030B											
LCS Dup (BL20949-BSD2)							Prepared & Analyzed: 12/21/2012				
1,1,1-Trichloroethane	ND	5.0	ug/L				75.6-137			19.7	
1,1,2,2-Tetrachloroethane	ND	5.0	"				71.3-131			20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"				71.1-129			21.7	
1,1,2-Trichloroethane	ND	5.0	"				74.5-129			20.3	
1,1-Dichloroethane	ND	5.0	"				79.6-132			20.6	
1,1-Dichloroethylene	ND	5.0	"				80.2-146			20	
1,2,4-Trichlorobenzene	ND	10	"				70.6-136			21.7	
1,2,4-Trimethylbenzene	ND	5.0	"				70-130			30	
1,2-Dibromo-3-chloropropane	ND	10	"				58.9-140			27.7	
1,2-Dibromoethane	ND	5.0	"				79-130			23	
1,2-Dichloroethane	ND	5.0	"				74.6-132			20.2	
1,2-Dichloropropane	ND	5.0	"				76.9-129			20.7	
1,3,5-Trimethylbenzene	ND	5.0	"				70-130			30	
2-Butanone	ND	10	"				66.7-132			22	
2-Hexanone	ND	5.0	"				68.1-137			20.5	
4-Methyl-2-pentanone	ND	10	"				62.2-130			18	
Acetone	ND	10	"				15-186			57	
Benzene	ND	5.0	"				76.2-129			19	
Bromodichloromethane	ND	5.0	"				79.7-134			21	
Bromoform	ND	5.0	"				70.5-141			21.8	
Bromomethane	ND	5.0	"				43.9-147			28.4	
Carbon disulfide	ND	5.0	"				64-123			20	
Carbon tetrachloride	ND	5.0	"				78.1-138			20.1	
Chlorobenzene	ND	5.0	"				80.4-125			19.9	
Chloroethane	ND	5.0	"				55.8-140			23.3	
Chloroform	ND	5.0	"				76.6-133			20.3	
Chloromethane	ND	5.0	"				48.8-115			24.5	
cis-1,2-Dichloroethylene	ND	5.0	"				75.1-128			20.5	
cis-1,3-Dichloropropylene	ND	5.0	"				74.5-128			19.9	
Dibromochloromethane	ND	5.0	"				79.8-134			21.3	
Dichlorodifluoromethane	ND	5.0	"				47.1-101			23.9	
Ethyl Benzene	ND	5.0	"				80.8-128			19.2	
Isopropylbenzene	ND	5.0	"				75.5-135			20	
Methyl tert-butyl ether (MTBE)	ND	5.0	"				65.1-140			23.6	
Methylene chloride	ND	10	"				61.3-120			20.4	
Naphthalene	ND	10	"				70-130			30	
n-Butylbenzene	ND	5.0	"				70-130			30	
n-Propylbenzene	ND	5.0	"				70-130			30	
o-Xylene	ND	5.0	"				75.9-122			19.3	
p- & m- Xylenes	ND	10	"				77.7-127			18.6	
sec-Butylbenzene	ND	5.0	"				70-130			30	
Styrene	ND	5.0	"				77.8-123			20.9	
tert-Butylbenzene	ND	5.0	"				70-130			30	
Tetrachloroethylene	ND	5.0	"				63.6-167			27.7	
Toluene	ND	5.0	"				77-123			18.7	
trans-1,2-Dichloroethylene	ND	5.0	"				76.3-139			19.5	
trans-1,3-Dichloropropylene	ND	5.0	"				72.5-137			19.3	
Trichloroethylene	ND	5.0	"				77.9-130			20.5	
Trichlorofluoromethane	ND	5.0	"				57.4-133			21.4	
Vinyl Chloride	ND	5.0	"				54.9-124			22.3	
Surrogate: 1,2-Dichloroethane-d4	*59.9*		*"*	*50.0*		*120*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20800 - EPA 3510C											
Blank (BL20800-BLK1)								Prepared & Analyzed: 12/19/2012			
Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenanthrene	ND	5.00	"								
Pyrene	ND	5.00	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
Surrogate: 2-Fluorobiphenyl	*31.6*		*"*	*50.0*		*63.2*	*30-130*				
Surrogate: Nitrobenzene-d5	*30.8*		*"*	*50.1*		*61.5*	*30-130*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20800 - EPA 3510C											
Blank (BL20800-BLK1)								Prepared & Analyzed: 12/19/2012			
Surrogate: Terphenyl-d14	*30.2*		*ug/L*	*50.0*		*60.5*	*30-130*				
LCS (BL20800-BS1)								Prepared & Analyzed: 12/19/2012			
Acenaphthene	34.7	5.00	ug/L	50.0		69.5	30-140				
Acenaphthylene	31.7	5.00	"	50.0		63.3	30-140				
Aniline	12.7	5.00	"	50.0		25.4	30-140	Low Bias			
Anthracene	32.6	5.00	"	50.0		65.2	30-140				
Benzo(a)anthracene	36.3	5.00	"	50.0		72.6	30-140				
Benzo(a)pyrene	34.4	5.00	"	50.0		68.9	30-140				
Benzo(b)fluoranthene	40.5	5.00	"	50.0		81.0	30-140				
Benzo(g,h,i)perylene	27.6	5.00	"	50.0		55.2	30-140				
Benzo(k)fluoranthene	45.4	5.00	"	50.0		90.8	30-140				
Benzyl butyl phthalate	31.7	5.00	"	50.0		63.3	30-140				
4-Bromophenyl phenyl ether	32.9	5.00	"	50.0		65.8	30-140				
4-Chloroaniline	17.7	5.00	"	50.0		35.4	30-140				
Bis(2-chloroethoxy)methane	32.1	5.00	"	50.0		64.2	30-140				
Bis(2-chloroethyl)ether	30.9	5.00	"	50.0		61.8	30-140				
Bis(2-chloroisopropyl)ether	37.1	5.00	"	50.0		74.3	30-140				
Bis(2-ethylhexyl)phthalate	32.3	5.00	"	50.0		64.6	30-140				
2-Chloronaphthalene	34.2	5.00	"	50.0		68.3	30-140				
4-Chlorophenyl phenyl ether	34.5	5.00	"	50.0		69.1	30-140				
Chrysene	31.0	5.00	"	50.0		62.1	30-140				
Dibenzo(a,h)anthracene	26.8	5.00	"	50.0		53.5	30-140				
Dibenzofuran	32.8	5.00	"	50.0		65.7	30-140				
Di-n-butyl phthalate	32.5	5.00	"	50.0		65.0	30-140				
1,2-Dichlorobenzene	36.0	5.00	"	50.0		72.0	30-140				
1,3-Dichlorobenzene	34.6	5.00	"	50.0		69.2	30-140				
1,4-Dichlorobenzene	39.4	5.00	"	50.0		78.9	30-140				
3,3'-Dichlorobenzidine	19.8	5.00	"	50.0		39.5	30-140				
Diethyl phthalate	33.7	5.00	"	50.0		67.3	30-140				
Dimethyl phthalate	33.9	5.00	"	50.0		67.9	30-140				
2,6-Dinitrotoluene	33.7	5.00	"	50.0		67.4	30-140				
2,4-Dinitrotoluene	33.8	5.00	"	50.0		67.6	30-140				
Di-n-octyl phthalate	34.8	5.00	"	50.0		69.6	30-140				
Fluoranthene	33.9	5.00	"	50.0		67.7	30-140				
Fluorene	34.2	5.00	"	50.0		68.3	30-140				
Hexachlorobenzene	34.8	5.00	"	50.0		69.7	30-140				
Hexachlorobutadiene	36.3	5.00	"	50.0		72.6	30-140				
Hexachlorocyclopentadiene	23.8	5.00	"	50.0		47.6	30-140				
Hexachloroethane	35.2	5.00	"	50.0		70.4	30-140				
Indeno(1,2,3-cd)pyrene	28.9	5.00	"	50.0		57.7	30-140				
Isophorone	33.0	5.00	"	50.0		66.0	30-140				
2-Methylnaphthalene	25.4	5.00	"	50.0		50.8	30-140				
Naphthalene	34.2	5.00	"	50.0		68.3	30-140				
4-Nitroaniline	22.7	5.00	"	50.0		45.4	30-140				
3-Nitroaniline	32.6	5.00	"	50.0		65.2	30-140				
2-Nitroaniline	32.9	5.00	"	50.0		65.8	30-140				
Nitrobenzene	31.7	5.00	"	50.0		63.3	30-140				
N-nitroso-di-n-propylamine	32.0	5.00	"	50.0		64.0	30-140				
N-Nitrosodimethylamine	35.8	5.00	"	50.0		71.6	30-140				
N-Nitrosodiphenylamine	38.0	5.00	"	50.0		76.0	30-140				
Phenanthrene	34.7	5.00	"	50.0		69.5	30-140				
Pyrene	32.9	5.00	"	50.0		65.7	30-140				
Pyridine	18.8	5.00	"	50.0		37.7	30-140				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20800 - EPA 3510C											
LCS (BL20800-BS1)								Prepared & Analyzed: 12/19/2012			
1,2,4-Trichlorobenzene	34.8	5.00	ug/L	50.0		69.7	30-140				
Surrogate: 2-Fluorobiphenyl	*31.0*		*"*	*50.0*		*61.9*	*30-130*				
Surrogate: Nitrobenzene-d5	*32.0*		*"*	*50.1*		*63.8*	*30-130*				
Surrogate: Terphenyl-d14	*30.8*		*"*	*50.0*		*61.5*	*30-130*				
LCS Dup (BL20800-BSD1)								Prepared & Analyzed: 12/19/2012			
Acenaphthene	32.7	5.00	ug/L	50.0		65.4	30-140		6.02	20	
Acenaphthylene	30.6	5.00	"	50.0		61.1	30-140		3.60	20	
Aniline	13.2	5.00	"	50.0		26.3	30-140	Low Bias	3.40	20	
Anthracene	31.5	5.00	"	50.0		63.1	30-140		3.37	20	
Benzo(a)anthracene	34.8	5.00	"	50.0		69.6	30-140		4.22	20	
Benzo(a)pyrene	34.4	5.00	"	50.0		68.8	30-140		0.145	20	
Benzo(b)fluoranthene	36.0	5.00	"	50.0		71.9	30-140		11.9	20	
Benzo(g,h,i)perylene	31.3	5.00	"	50.0		62.6	30-140		12.6	20	
Benzo(k)fluoranthene	41.3	5.00	"	50.0		82.6	30-140		9.46	20	
Benzyl butyl phthalate	31.1	5.00	"	50.0		62.1	30-140		1.94	20	
4-Bromophenyl phenyl ether	31.9	5.00	"	50.0		63.7	30-140		3.24	20	
4-Chloroaniline	17.5	5.00	"	50.0		35.1	30-140		1.02	20	
Bis(2-chloroethoxy)methane	31.0	5.00	"	50.0		62.0	30-140		3.61	20	
Bis(2-chloroethyl)ether	29.6	5.00	"	50.0		59.3	30-140		4.13	20	
Bis(2-chloroisopropyl)ether	35.4	5.00	"	50.0		70.8	30-140		4.80	20	
Bis(2-ethylhexyl)phthalate	30.7	5.00	"	50.0		61.5	30-140		4.92	20	
2-Chloronaphthalene	32.2	5.00	"	50.0		64.4	30-140		6.00	20	
4-Chlorophenyl phenyl ether	30.1	5.00	"	50.0		60.2	30-140		13.7	20	
Chrysene	30.9	5.00	"	50.0		61.8	30-140		0.452	20	
Dibenzo(a,h)anthracene	29.2	5.00	"	50.0		58.4	30-140		8.75	20	
Dibenzofuran	32.7	5.00	"	50.0		65.4	30-140		0.397	20	
Di-n-butyl phthalate	32.0	5.00	"	50.0		64.1	30-140		1.46	20	
1,3-Dichlorobenzene	32.9	5.00	"	50.0		65.7	30-140		5.10	20	
1,2-Dichlorobenzene	33.7	5.00	"	50.0		67.5	30-140		6.46	20	
1,4-Dichlorobenzene	36.8	5.00	"	50.0		73.7	30-140		6.82	20	
3,3'-Dichlorobenzidine	21.2	5.00	"	50.0		42.4	30-140		7.08	20	
Diethyl phthalate	31.8	5.00	"	50.0		63.6	30-140		5.71	20	
Dimethyl phthalate	33.3	5.00	"	50.0		66.6	30-140		1.81	20	
2,6-Dinitrotoluene	33.1	5.00	"	50.0		66.1	30-140		1.95	20	
2,4-Dinitrotoluene	32.8	5.00	"	50.0		65.6	30-140		2.94	20	
Di-n-octyl phthalate	31.4	5.00	"	50.0		62.8	30-140		10.2	20	
Fluoranthene	32.1	5.00	"	50.0		64.2	30-140		5.37	20	
Fluorene	31.1	5.00	"	50.0		62.3	30-140		9.28	20	
Hexachlorobenzene	32.0	5.00	"	50.0		64.0	30-140		8.47	20	
Hexachlorobutadiene	36.2	5.00	"	50.0		72.3	30-140		0.387	20	
Hexachlorocyclopentadiene	25.8	5.00	"	50.0		51.6	30-140		7.94	20	
Hexachloroethane	32.4	5.00	"	50.0		64.8	30-140		8.34	20	
Indeno(1,2,3-cd)pyrene	31.2	5.00	"	50.0		62.4	30-140		7.82	20	
Isophorone	33.4	5.00	"	50.0		66.7	30-140		1.08	20	
2-Methylnaphthalene	25.2	5.00	"	50.0		50.4	30-140		0.831	20	
Naphthalene	33.2	5.00	"	50.0		66.5	30-140		2.67	20	
4-Nitroaniline	23.6	5.00	"	50.0		47.1	30-140		3.72	20	
3-Nitroaniline	33.4	5.00	"	50.0		66.8	30-140		2.45	20	
2-Nitroaniline	32.4	5.00	"	50.0		64.7	30-140		1.72	20	
Nitrobenzene	31.6	5.00	"	50.0		63.1	30-140		0.285	20	
N-nitroso-di-n-propylamine	31.7	5.00	"	50.0		63.4	30-140		0.911	20	
N-Nitrosodimethylamine	33.1	5.00	"	50.0		66.2	30-140		7.87	20	
N-Nitrosodiphenylamine	37.3	5.00	"	50.0		74.5	30-140		1.99	20	

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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 BL20800 - EPA 3510C											
LCS Dup (BL20800-BSD1)								Prepared & Analyzed: 12/19/2012			
Phenanthrene	33.4	5.00	ug/L	50.0		66.8	30-140		3.90	20	
Pyrene	31.5	5.00	"	50.0		63.0	30-140		4.22	20	
Pyridine	24.8	5.00	"	50.0		49.5	30-140		27.1	20	Non-dir.
1,2,4-Trichlorobenzene	33.7	5.00	"	50.0		67.4	30-140		3.38	20	
Surrogate: 2-Fluorobiphenyl	*29.3*		*"*	*50.0*		*58.6*	*30-130*				
Surrogate: Nitrobenzene-d5	*32.4*		*"*	*50.1*		*64.7*	*30-130*				
Surrogate: Terphenyl-d14	*30.0*		*"*	*50.0*		*60.1*	*30-130*				
Batch BL20854 - EPA 3545A											
Blank (BL20854-BLK1)								Prepared: 12/20/2012 Analyzed: 12/26/2012			
Acenaphthene	ND	250	ug/kg wet								
Acenaphthylene	ND	250	"								
Aniline	ND	250	"								
Anthracene	ND	250	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Benzyl butyl phthalate	ND	250	"								
4-Bromophenyl phenyl ether	ND	250	"								
4-Chloro-3-methylphenol	ND	250	"								
4-Chloroaniline	ND	250	"								
Bis(2-chloroethoxy)methane	ND	250	"								
Bis(2-chloroethyl)ether	ND	250	"								
Bis(2-chloroisopropyl)ether	ND	250	"								
Bis(2-ethylhexyl)phthalate	ND	250	"								
2-Chloronaphthalene	ND	250	"								
4-Chlorophenyl phenyl ether	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Dibenzofuran	ND	250	"								
Di-n-butyl phthalate	ND	250	"								
1,2-Dichlorobenzene	ND	250	"								
1,4-Dichlorobenzene	ND	250	"								
1,3-Dichlorobenzene	ND	250	"								
3,3'-Dichlorobenzidine	ND	250	"								
Diethyl phthalate	ND	250	"								
Dimethyl phthalate	ND	250	"								
2,6-Dinitrotoluene	ND	250	"								
2,4-Dinitrotoluene	ND	250	"								
Di-n-octyl phthalate	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Hexachlorobenzene	ND	250	"								
Hexachlorobutadiene	ND	250	"								
Hexachlorocyclopentadiene	ND	250	"								
Hexachloroethane	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Isophorone	ND	250	"								
2-Methylnaphthalene	ND	250	"								
Naphthalene	ND	250	"								
3-Nitroaniline	ND	250	"								

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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 BL20854 - EPA 3545A											
Blank (BL20854-BLK1)								Prepared: 12/20/2012 Analyzed: 12/26/2012			
4-Nitroaniline	ND	250	ug/kg wet								
Nitrobenzene	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Phenanthrene	ND	250	"								
Pyrene	ND	250	"								
Pyridine	ND	250	"								
1,2,4-Trichlorobenzene	ND	250	"								
Surrogate: 2-Fluorobiphenyl	*2500*		*"*	*2500*		*99.8*	*30-130*				
Surrogate: Nitrobenzene-d5	*2000*		*"*	*2500*		*79.8*	*30-130*				
Surrogate: Terphenyl-d14	*1830*		*"*	*2500*		*73.1*	*30-130*				
LCS (BL20854-BS1)								Prepared: 12/20/2012 Analyzed: 12/26/2012			
Acenaphthene	1960	250	ug/kg wet	2500		78.4	31.1-109				
Acenaphthylene	1820	250	"	2500		72.8	31.1-106				
Aniline	2380	250	"	2500		95.3	5.07-149				
Anthracene	2100	250	"	2500		84.1	31.5-107				
Benzo(a)anthracene	1910	250	"	2500		76.4	31.5-115				
Benzo(a)pyrene	1420	250	"	2500		57.0	29.1-138				
Benzo(b)fluoranthene	1540	250	"	2500		61.7	14.9-131				
Benzo(g,h,i)perylene	490	250	"	2500		19.6	6.56-121				
Benzo(k)fluoranthene	1650	250	"	2500		65.9	29.1-121				
Benzyl butyl phthalate	1920	250	"	2500		76.8	31.3-112				
4-Bromophenyl phenyl ether	1910	250	"	2500		76.5	25.2-113				
4-Chloro-3-methylphenol	2210	250	"	2500		88.5	29.5-124				
4-Chloroaniline	656	250	"	2500		26.2	10-177				
Bis(2-chloroethoxy)methane	1810	250	"	2500		72.5	27.9-111				
Bis(2-chloroethyl)ether	1390	250	"	2500		55.7	18-122				
Bis(2-chloroisopropyl)ether	1590	250	"	2500		63.8	9.62-123				
Bis(2-ethylhexyl)phthalate	1890	250	"	2500		75.6	25-105				
2-Chloronaphthalene	1870	250	"	2500		74.7	31.7-108				
4-Chlorophenyl phenyl ether	1890	250	"	2500		75.4	23.6-110				
Chrysene	2100	250	"	2500		84.0	27.4-117				
Dibenzo(a,h)anthracene	670	250	"	2500		26.8	14.6-119				
Dibenzofuran	1970	250	"	2500		78.9	30.2-108				
Di-n-butyl phthalate	1880	250	"	2500		75.2	33.5-100				
1,2-Dichlorobenzene	1700	250	"	2500		68.2	22.8-114				
1,4-Dichlorobenzene	1770	250	"	2500		70.9	19.8-121				
1,3-Dichlorobenzene	1630	250	"	2500		65.1	20.6-119				
3,3'-Dichlorobenzidine	1200	250	"	2500		48.1	10-180				
Diethyl phthalate	1710	250	"	2500		68.5	29.7-111				
Dimethyl phthalate	1940	250	"	2500		77.6	27-118				
2,6-Dinitrotoluene	2090	250	"	2500		83.7	26.1-119				
2,4-Dinitrotoluene	1860	250	"	2500		74.5	21.4-126				
Di-n-octyl phthalate	2170	250	"	2500		86.6	19-129				
Fluoranthene	2010	250	"	2500		80.5	31.3-110				
Fluorene	1980	250	"	2500		79.0	29.9-108				
Hexachlorobenzene	1650	250	"	2500		66.0	31.7-102				
Hexachlorobutadiene	2110	250	"	2500		84.3	10.1-134				
Hexachlorocyclopentadiene	ND	250	"	2500			10-122	Low Bias			
Hexachloroethane	1200	250	"	2500		48.0	20.2-114				
Indeno(1,2,3-cd)pyrene	635	250	"	2500		25.4	12.6-120				
Isophorone	1900	250	"	2500		76.1	27.2-113				

YORK
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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 BL20854 - EPA 3545A											
LCS (BL20854-BS1)								Prepared: 12/20/2012 Analyzed: 12/26/2012			
2-Methylnaphthalene	1860	250	ug/kg wet	2500		74.3	17.4-119				
Naphthalene	1790	250	"	2500		71.7	25.2-111				
3-Nitroaniline	1000	250	"	2500		40.1	9.73-147				
4-Nitroaniline	1620	250	"	2500		64.6	6.42-169				
Nitrobenzene	1660	250	"	2500		66.3	21.8-118				
N-nitroso-di-n-propylamine	1670	250	"	2500		66.6	25.3-118				
N-Nitrosodimethylamine	1570	250	"	2500		63.0	10-142				
N-Nitrosodiphenylamine	2350	250	"	2500		93.9	35.8-132				
Phenanthrene	2160	250	"	2500		86.3	31.2-105				
Pyrene	2100	250	"	2500		84.1	26.3-124				
Pyridine	1160	250	"	2500		46.5	10-122				
1,2,4-Trichlorobenzene	2280	250	"	2500		91.1	19.3-128				
Surrogate: 2-Fluorobiphenyl	*2300*		*"*	*2500*		*92.1*	*30-130*				
Surrogate: Nitrobenzene-d5	*1860*		*"*	*2500*		*74.3*	*30-130*				
Surrogate: Terphenyl-d14	*1490*		*"*	*2500*		*59.8*	*30-130*				
Matrix Spike (BL20854-MS1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared: 12/20/2012 Analyzed: 12/26/2012			
Acenaphthene	2120	606	ug/kg dry	3030	ND	70.1	31.1-109				
Acenaphthylene	1960	606	"	3030	ND	64.7	31.1-106				
Aniline	2690	606	"	3030	ND	88.8	40-140				
Anthracene	2670	606	"	3030	ND	88.1	31.5-107				
Benzo(a)anthracene	2550	606	"	3030	540	66.5	31.5-115				
Benzo(a)pyrene	2150	606	"	3030	630	50.4	29.1-138				
Benzo(b)fluoranthene	2370	606	"	3030	ND	78.4	14.9-131				
Benzo(g,h,i)perylene	769	606	"	3030	281	16.1	6.56-121				
Benzo(k)fluoranthene	2150	606	"	3030	ND	71.0	29.1-121				
Benzyl butyl phthalate	2170	606	"	3030	ND	71.7	31.3-112				
4-Bromophenyl phenyl ether	2150	606	"	3030	ND	71.0	25.2-113				
4-Chloro-3-methylphenol	2410	606	"	3030	ND	79.7	29.5-124				
4-Chloroaniline	1730	606	"	3030	ND	57.1	10-177				
Bis(2-chloroethoxy)methane	1820	606	"	3030	ND	60.2	27.9-111				
Bis(2-chloroethyl)ether	1630	606	"	3030	ND	53.9	18-122				
Bis(2-chloroisopropyl)ether	1570	606	"	3030	ND	51.8	9.62-123				
Bis(2-ethylhexyl)phthalate	2290	606	"	3030	ND	75.5	25-105				
2-Chloronaphthalene	1920	606	"	3030	ND	63.4	31.7-108				
4-Chlorophenyl phenyl ether	1960	606	"	3030	ND	64.8	23.6-110				
Chrysene	3030	606	"	3030	719	76.4	27.4-117				
Dibenzo(a,h)anthracene	923	606	"	3030	ND	30.5	14.6-119				
Dibenzofuran	2280	606	"	3030	ND	75.4	30.2-108				
Di-n-butyl phthalate	2130	606	"	3030	ND	70.2	33.5-100				
1,2-Dichlorobenzene	1530	606	"	3030	ND	50.4	22.8-114				
1,4-Dichlorobenzene	1550	606	"	3030	ND	51.1	19.8-121				
1,3-Dichlorobenzene	1490	606	"	3030	ND	49.4	20.6-119				
3,3'-Dichlorobenzidine	ND	606	"	3030	ND		10-180	Low Bias			
Diethyl phthalate	2000	606	"	3030	ND	66.0	29.7-111				
Dimethyl phthalate	2080	606	"	3030	ND	68.8	27-118				
2,6-Dinitrotoluene	2160	606	"	3030	ND	71.3	26.1-119				
2,4-Dinitrotoluene	1990	606	"	3030	ND	65.7	21.4-126				
Di-n-octyl phthalate	2490	606	"	3030	ND	82.1	19-129				
Fluoranthene	3360	606	"	3030	1290	68.6	31.3-110				
Fluorene	2260	606	"	3030	ND	74.8	29.9-108				
Hexachlorobenzene	1940	606	"	3030	ND	64.2	31.7-102				
Hexachlorobutadiene	2040	606	"	3030	ND	67.3	10.1-134				
Hexachlorocyclopentadiene	ND	606	"	3030	ND		10-122	Low Bias			

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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 BL20854 - EPA 3545A											
Matrix Spike (BL20854-MS1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared: 12/20/2012 Analyzed: 12/26/2012			
Hexachloroethane	782	606	ug/kg dry	3030	ND	25.8	20.2-114				
Indeno(1,2,3-cd)pyrene	967	606	"	3030	282	22.6	12.6-120				
Isophorone	1960	606	"	3030	ND	64.7	27.2-113				
2-Methylnaphthalene	2250	606	"	3030	ND	74.2	17.4-119				
Naphthalene	2060	606	"	3030	332	57.0	25.2-111				
3-Nitroaniline	1580	606	"	3030	ND	52.3	9.73-147				
4-Nitroaniline	ND	606	"	3030	ND		6.42-169	Low Bias			
Nitrobenzene	1510	606	"	3030	ND	50.0	21.8-118				
N-nitroso-di-n-propylamine	1520	606	"	3030	ND	50.2	25.3-118				
N-Nitrosodimethylamine	1650	606	"	3030	ND	54.6	40-140				
N-Nitrosodiphenylamine	2710	606	"	3030	ND	89.5	35.8-132				
Phenanthrene	3550	606	"	3030	1240	76.3	31.2-105				
Pyrene	3330	606	"	3030	1160	71.4	26.3-124				
Pyridine	1470	606	"	3030	ND	48.4	40-140				
1,2,4-Trichlorobenzene	2140	606	"	3030	ND	70.5	19.3-128				
Surrogate: 2-Fluorobiphenyl	*2150*		*"*	*3030*		*70.9*	*30-130*				
Surrogate: Nitrobenzene-d5	*1640*		*"*	*3030*		*54.2*	*30-130*				
Surrogate: Terphenyl-d14	*1660*		*"*	*3030*		*55.0*	*30-130*				
Matrix Spike Dup (BL20854-MSD1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared: 12/20/2012 Analyzed: 12/26/2012			
Acenaphthene	2550	606	ug/kg dry	3030	ND	84.3	31.1-109		18.4	30	
Acenaphthylene	2220	606	"	3030	ND	73.3	31.1-106		12.5	30	
Aniline	1490	606	"	3030	ND	49.2	40-140		57.5	30	Non-dir.
Anthracene	2980	606	"	3030	ND	98.4	31.5-107		11.1	30	
Benzo(a)anthracene	3020	606	"	3030	540	82.0	31.5-115		16.9	30	
Benzo(a)pyrene	2220	606	"	3030	630	52.4	29.1-138		2.83	30	
Benzo(b)fluoranthene	2470	606	"	3030	ND	81.6	14.9-131		4.00	30	
Benzo(g,h,i)perylene	563	606	"	3030	281	9.32	6.56-121		30.9	30	Non-dir.
Benzo(k)fluoranthene	2390	606	"	3030	ND	78.9	29.1-121		10.6	30	
Benzyl butyl phthalate	2550	606	"	3030	ND	84.2	31.3-112		16.1	30	
4-Bromophenyl phenyl ether	2480	606	"	3030	ND	82.0	25.2-113		14.4	30	
4-Chloro-3-methylphenol	2780	606	"	3030	ND	91.7	29.5-124		14.0	30	
4-Chloroaniline	1710	606	"	3030	ND	56.4	10-177		1.27	30	
Bis(2-chloroethoxy)methane	1930	606	"	3030	ND	63.9	27.9-111		6.00	30	
Bis(2-chloroethyl)ether	1780	606	"	3030	ND	58.9	18-122		8.87	30	
Bis(2-chloroisopropyl)ether	1900	606	"	3030	ND	62.7	9.62-123		19.1	30	
Bis(2-ethylhexyl)phthalate	2560	606	"	3030	ND	84.7	25-105		11.5	30	
2-Chloronaphthalene	2190	606	"	3030	ND	72.4	31.7-108		13.3	30	
4-Chlorophenyl phenyl ether	2330	606	"	3030	ND	76.8	23.6-110		16.9	30	
Chrysene	3460	606	"	3030	719	90.5	27.4-117		13.2	30	
Dibenzo(a,h)anthracene	690	606	"	3030	ND	22.8	14.6-119		28.8	30	
Dibenzofuran	2620	606	"	3030	ND	86.6	30.2-108		13.8	30	
Di-n-butyl phthalate	2410	606	"	3030	ND	79.4	33.5-100		12.3	30	
1,2-Dichlorobenzene	1820	606	"	3030	ND	60.0	22.8-114		17.3	30	
1,4-Dichlorobenzene	1860	606	"	3030	ND	61.5	19.8-121		18.5	30	
1,3-Dichlorobenzene	1790	606	"	3030	ND	59.2	20.6-119		18.1	30	
3,3'-Dichlorobenzidine	ND	606	"	3030	ND		10-180	Low Bias		30	
Diethyl phthalate	2240	606	"	3030	ND	74.0	29.7-111		11.4	30	
Dimethyl phthalate	2420	606	"	3030	ND	80.1	27-118		15.2	30	
2,6-Dinitrotoluene	2520	606	"	3030	ND	83.1	26.1-119		15.3	30	
2,4-Dinitrotoluene	2200	606	"	3030	ND	72.6	21.4-126		10.0	30	
Di-n-octyl phthalate	2720	606	"	3030	ND	90.0	19-129		9.11	30	
Fluoranthene	4060	606	"	3030	1290	91.6	31.3-110		18.8	30	
Fluorene	2630	606	"	3030	ND	86.9	29.9-108		15.0	30	

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

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20854 - EPA 3545A											
Matrix Spike Dup (BL20854-MSD1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared: 12/20/2012 Analyzed: 12/26/2012			
Hexachlorobenzene	2200	606	ug/kg dry	3030	ND	72.7	31.7-102		12.4	30	
Hexachlorobutadiene	2270	606	"	3030	ND	75.1	10.1-134		11.0	30	
Hexachlorocyclopentadiene	ND	606	"	3030	ND		10-122	Low Bias		30	
Hexachloroethane	746	606	"	3030	ND	24.6	20.2-114		4.75	30	
Indeno(1,2,3-cd)pyrene	864	606	"	3030	282	19.2	12.6-120		11.3	30	
Isophorone	2190	606	"	3030	ND	72.2	27.2-113		11.0	30	
2-Methylnaphthalene	2590	606	"	3030	ND	85.6	17.4-119		14.3	30	
Naphthalene	2340	606	"	3030	332	66.2	25.2-111		12.6	30	
3-Nitroaniline	1840	606	"	3030	ND	60.8	9.73-147		15.0	30	
4-Nitroaniline	ND	606	"	3030	ND		6.42-169	Low Bias		30	
Nitrobenzene	1800	606	"	3030	ND	59.6	21.8-118		17.5	30	
N-nitroso-di-n-propylamine	1850	606	"	3030	ND	61.0	25.3-118		19.4	30	
N-Nitrosodimethylamine	2020	606	"	3030	ND	66.6	40-140		19.9	30	
N-Nitrosodiphenylamine	2900	606	"	3030	ND	95.8	35.8-132		6.78	30	
Phenanthrene	4380	606	"	3030	1240	104	31.2-105		21.0	30	
Pyrene	4120	606	"	3030	1160	97.6	26.3-124		21.3	30	
Pyridine	1470	606	"	3030	ND	48.6	40-140		0.330	30	
1,2,4-Trichlorobenzene	2600	606	"	3030	ND	85.7	19.3-128		19.5	30	
Surrogate: 2-Fluorobiphenyl	*2580*		*"*	*3030*		*85.3*	*30-130*				
Surrogate: Nitrobenzene-d5	*2100*		*"*	*3030*		*69.3*	*30-130*				
Surrogate: Terphenyl-d14	*1940*		*"*	*3030*		*64.2*	*30-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium 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 BL20791 - EPA 3550B											
Blank (BL20791-BLK1)								Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	ND	0.0170	mg/kg wet								
Aroclor 1221	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1260	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
Surrogate: Tetrachloro-m-xylene	*0.0697*		*"*	*0.0667*		*104*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0640*		*"*	*0.0670*		*95.5*	*30-150*				
LCS (BL20791-BS1)								Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	0.381	0.0170	mg/kg wet	0.333		114	40-140				
Aroclor 1260	0.333	0.0170	"	0.333		99.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0660*		*"*	*0.0667*		*99.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0670*		*61.7*	*30-150*				
Matrix Spike (BL20791-MS1)	*Source sample: 12L0616-05 (SB-3 (0-2'))							Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	0.186	0.0212	mg/kg dry	0.416	ND	44.6	40-140				
Aroclor 1260	0.210	0.0212	"	0.416	ND	50.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0537*		*"*	*0.0832*		*64.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0474*		*"*	*0.0836*		*56.7*	*30-150*				
Matrix Spike Dup (BL20791-MSD1)	*Source sample: 12L0616-05 (SB-3 (0-2'))							Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	0.194	0.0212	mg/kg dry	0.416	ND	46.5	40-140		4.12	50	
Aroclor 1260	0.220	0.0212	"	0.416	ND	53.0	40-140		4.87	50	
Surrogate: Tetrachloro-m-xylene	*0.0537*		*"*	*0.0832*		*64.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0491*		*"*	*0.0836*		*58.7*	*30-150*				

YORK
ANALYTICAL LABORATORIES, INC.

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium 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 BL20798 - EPA SW846-3510C Low Level											
Blank (BL20798-BLK1)								Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.229*		*"*	*0.200*		*114*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.184*		*"*	*0.201*		*91.5*	*30-150*				
LCS (BL20798-BS1)								Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	0.801	0.0500	ug/L	1.00		80.1	40-140				
Aroclor 1260	0.760	0.0500	"	1.00		76.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.250*		*"*	*0.200*		*125*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.198*		*"*	*0.201*		*98.5*	*30-150*				
LCS Dup (BL20798-BSD1)								Prepared: 12/19/2012 Analyzed: 12/26/2012			
Aroclor 1016	0.828	0.0500	ug/L	1.00		82.8	40-140		3.29	200	
Aroclor 1260	0.817	0.0500	"	1.00		81.7	40-140		7.23	200	
Surrogate: Tetrachloro-m-xylene	*0.243*		*"*	*0.200*		*122*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.204*		*"*	*0.201*		*101*	*30-150*				

YORK
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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 BL20781 - EPA 3010A											
Blank (BL20781-BLK1)								Prepared & Analyzed: 12/18/2012			
Antimony	ND	0.005	mg/L								
Arsenic	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Copper	ND	0.005	"								
Lead	ND	0.003	"								
Nickel	ND	0.005	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Thallium	ND	0.010	"								
Zinc	ND	0.020	"								
Reference (BL20781-SRM1)								Prepared & Analyzed: 12/18/2012			
Antimony	0.648	0.005	mg/L	0.686		94.4	70.6-120				
Arsenic	0.163	0.010	"	0.182		89.4	81.9-118				
Beryllium	0.161	0.001	"	0.169		95.0	84.6-113				
Cadmium	0.362	0.003	"	0.393		92.2	85.2-114				
Chromium	0.569	0.005	"	0.611		93.1	87.1-113				
Copper	0.546	0.005	"	0.569		96.0	90-110				
Lead	0.258	0.003	"	0.259		99.6	85.7-114				
Nickel	0.297	0.005	"	0.279		106	88.5-113				
Selenium	0.950	0.010	"	1.05		90.5	79.5-116				
Silver	0.295	0.005	"	0.333		88.6	85.9-115				
Thallium	0.497	0.010	"	0.487		102	80.1-120				
Zinc	0.174	0.020	"	0.191		91.1	84.8-118				

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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 BL20785 - EPA 3050B											
Blank (BL20785-BLK1)								Prepared & Analyzed: 12/18/2012			
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 (BL20785-DUP1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared & Analyzed: 12/18/2012			
Aluminum	4810	2.42	mg/kg dry		4780				0.495	35	
Antimony	1.20	0.606	"		1.49				21.4	35	
Arsenic	14.4	1.21	"		15.2				6.00	35	
Barium	123	0.606	"		130				5.85	35	
Beryllium	ND	0.121	"		ND					35	
Cadmium	5.16	0.606	"		5.59				8.06	35	
Calcium	15500	6.06	"		15400				0.482	35	
Chromium	14.2	0.606	"		15.1				6.74	35	
Cobalt	6.28	0.606	"		6.70				6.47	35	
Copper	229	0.606	"		250				8.77	35	
Iron	20200	2.42	"		20100				0.251	35	
Lead	349	0.363	"		375				7.22	35	
Magnesium	1810	6.06	"		1810				0.381	35	
Manganese	255	1.21	"		277				8.33	35	
Nickel	19.8	0.606	"		21.0				5.93	35	
Potassium	1040	12.1	"		1040				0.421	35	
Selenium	2.03	0.606	"		1.96				3.48	35	
Silver	ND	0.606	"		ND					35	
Sodium	471	12.1	"		473				0.340	35	
Thallium	ND	0.606	"		ND					35	
Vanadium	20.3	0.606	"		21.7				6.44	35	
Zinc	300	0.606	"		316				5.36	35	

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20785 - EPA 3050B											
Matrix Spike (BL20785-MS1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared & Analyzed: 12/18/2012			
Aluminum	5040	2.42	mg/kg dry	242	4780	107	75-125				
Antimony	35.2	0.606	"	30.3	1.49	111	75-125				
Arsenic	263	1.21	"	242	15.2	102	75-125				
Barium	375	0.606	"	242	130	101	75-125				
Beryllium	5.54	0.121	"	6.06	ND	91.6	75-125				
Cadmium	11.3	0.606	"	6.06	5.59	93.8	75-125				
Chromium	37.6	0.606	"	24.2	15.1	92.6	75-125				
Cobalt	68.4	0.606	"	60.6	6.70	102	75-125				
Copper	260	0.606	"	30.3	250	35.1	75-125	Low Bias			
Iron	20000	2.42	"	121	20100	NR	75-125	Low Bias			
Lead	415	0.363	"	60.6	375	66.0	75-125	Low Bias			
Magnesium	1780	6.06	"		1810		75-125				
Manganese	316	1.21	"	60.6	277	64.8	75-125	Low Bias			
Nickel	83.7	0.606	"	60.6	21.0	104	75-125				
Potassium	1030	12.1	"		1040		75-125				
Silver	4.47	0.606	"	6.06	ND	73.9	75-125	Low Bias			
Sodium	476	12.1	"		473		75-125				
Thallium	241	0.606	"	242	ND	99.5	75-125				
Vanadium	80.3	0.606	"	60.6	21.7	96.8	75-125				
Zinc	352	0.606	"	60.6	316	59.1	75-125	Low Bias			
Reference (BL20785-SRM1)								Prepared & Analyzed: 12/18/2012			
Aluminum	7720	2.00	mg/kg wet	9310		83.0	43.3-157				
Antimony	145	0.500	"	120		120	20.8-253				
Arsenic	158	1.00	"	168		94.3	70.8-130				
Barium	197	0.500	"	213		92.6	73.2-127				
Beryllium	102	0.100	"	110		92.5	75.1-125				
Cadmium	90.5	0.500	"	103		87.8	73-126				
Calcium	6330	5.00	"	6870		92.1	74.4-126				
Chromium	106	0.500	"	119		89.3	69.7-129				
Cobalt	127	0.500	"	131		97.0	74.4-125				
Copper	114	0.500	"	118		96.7	74.6-125				
Iron	12000	2.00	"	13000		92.0	32.2-168				
Lead	68.8	0.300	"	76.9		89.5	68.7-131				
Magnesium	2430	5.00	"	2780		87.5	61.5-135				
Manganese	325	1.00	"	338		96.1	75.4-125				
Nickel	77.1	0.500	"	70.0		110	70.9-129				
Potassium	2670	10.0	"	3130		85.4	62.9-137				
Selenium	121	0.500	"	126		95.7	66.7-134				
Silver	35.2	0.500	"	42.3		83.2	66.2-134				
Sodium	318	10.0	"	350		90.9	42.9-157				
Thallium	189	0.500	"	208		90.8	69.2-121				
Vanadium	79.0	0.500	"	87.1		90.7	63.1-137				
Zinc	245	0.500	"	276		88.9	71.3-129				

YORK
ANALYTICAL LABORATORIES, INC.

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 BL20809 - EPA SW846-7470											
Blank (BL20809-BLK1)								Prepared & Analyzed: 12/19/2012			
Mercury	ND	0.0002	mg/L								
LCS (BL20809-BS1)								Prepared & Analyzed: 12/19/2012			
Mercury	0.002654	0.0002	mg/L	0.00300		88.4	80-120				
Batch BL20811 - EPA SW846-7471											
Blank (BL20811-BLK1)								Prepared & Analyzed: 12/19/2012			
Mercury	ND	0.100	mg/kg wet								
LCS (BL20811-BS1)								Prepared & Analyzed: 12/19/2012			
Mercury	3.13		mg/kg	2.96		106	67.6-131				
Duplicate (BL20811-DUP1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared & Analyzed: 12/19/2012			
Mercury	ND	0.121	mg/kg dry		ND					35	
Matrix Spike (BL20811-MS1)	*Source sample: 12L0616-01 (SB-1 (0-2'))							Prepared & Analyzed: 12/19/2012			
Mercury	0.540		mg/kg	0.500	ND	108	75-125				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12L0616-01	SB-1 (0-2')	2 oz. WM Clear Glass Cool to 4° C
12L0616-02	SB-1 (4-6')	2 oz. WM Clear Glass Cool to 4° C
12L0616-03	SB-2 (0-2')	2 oz. WM Clear Glass Cool to 4° C
12L0616-04	SB-2 (4-6')	2 oz. WM Clear Glass Cool to 4° C
12L0616-05	SB-3 (0-2')	2 oz. WM Clear Glass Cool to 4° C
12L0616-06	SB-3 (4-6')	2 oz. WM Clear Glass Cool to 4° C
12L0616-07	DUP (0-2')	2 oz. WM Clear Glass Cool to 4° C
12L0616-08	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0616-09	MW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CONTNON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

S-GC Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.

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

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

IS-01 Certain internal standards were suppressed due to matrix effects. The sample was reanalyzed to confirm this matrix interference.

EXT-EM The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

EXT-D The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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. 12L0616

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverbles
Company: LAUREL ENVIRONMENTAL	Company: SCOTT	Company: KATHY	501 LEONARD STREET GREENPOINT.	RUSH - Same Day ☐	Summary Report ____
Address: 53 WEST HILLS RD	Address:	Address:	**Purchase Order No.** 12-383	RUSH - Next Day ☐	Summary w/ QA Summary ✓
HUNTINGTON STATION, NY 11746				RUSH - Two Day ☐	CT RCP Package ____
Phone No. 631 673 0612	Phone No.	Phone No.		RUSH - Three Day ☐	NY ASP A Package ____
Contact Person: SCOTT	Attention:	Attention:		RUSH - Four Day ☐	NY ASP B Package ✓
E-Mail Address: labresults@laurelenv.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY✓ NJ___	Standard(5-7 Days) ✓	*Electronic Deliverables:* EDD (Specify Type) ____ Excel Carryover to P. 375

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)

CHRISTOPHER T. CONNOLLY
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	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-1 (0-2')	12-13-12	S	8260 TCL, 8270 BN, TAL METALS, 8082 PCBS	1x4oz 1x8oz.
SB-1 (4-6')	↓	↓	↓	↓
SB-2 (0-2')	↓	↓	↓	↓
SB-2 (4-6')	↓	↓	↓	↓
SB-3 (0-2')	↓	↓	↓	↓
SB-3 (4-6')	↓	↓	↓	↓
DUP (0-2')	↓	↓	↓	↓
~~DUP (4-6')~~	↓	↓	↓	↓
GW-1	12-13-12	GW	8260 TCL, 8270 BN, PP METALS, PCBS 8082.	2x VOAS 1x METAL 2x AMBER
~~DUP~~	"	"	" " "	" " "

Comments

Preservation
Check those Applicable

4°C____ Frozen____ HCl____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc Ascorbic Acid Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Laurel Bridge	12-17-12 1249 pm	K Baker	12-17-12 1140 AM
		J. [illegible]	12/17/12-1710

Samples Relinquished By ____ Date/Time ____
Samples Received in LAB by ____ Date/Time ____

Temperature on Receipt 4.5 °C

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

Field Chain-of-Custody Record

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

York Project No. 12L0616

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LAUREL ENVIRONMENTAL	Company: SCOTT	Company: KATHY	501 LEONARD STREET GREENPOINT.	RUSH - Same Day ☐	Summary Report ✓
Address: 58 WEST HILLS RD. HUNTINGTON ST. NY 11746	Address:	Address:	**Purchase Order No.** 12-383	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No. 631 673 0812.	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: SCOTT	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package
E-Mail Address: labresults@laurelenv.com	E-Mail Address:	E-Mail Address:	Samples from: CT ✓ NY ___ NJ ___	RUSH - Four Day ☐	NY ASP B Package ✓
				Standard(5-7 Days) ✓	*Electronic Deliverables:* EDD (Specify Type)
					Excel Compare to 375

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)

CHRISTOPHER J. CONNOLLY.
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	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW	12-13-12	GW	8260 TCL, 8270 BN, PP METALS, PCB 8082	2xVOAS 1xMETALS 2xAMBER

Comments

Preservation
Check those Applicable

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By: Laurel Fordyce 12/17/12 11:40 AM — Date/Time
Samples Received By: K Barker 12/17/12 11:40 AM — Date/Time
Samples Relinquished By: ___ Date/Time
Samples Received in LAB by: J. [illegible] 12/17/12-1710 — Date/Time

Temperature on Receipt: 4.5 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 03/18/2013
Client Project ID: 501 Leonard Street
York Project (SDG) No.: 13C0168

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

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

Report Date: 03/18/2013
Client Project ID: 501 Leonard Street
York Project (SDG) No.: 13C0168

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 06, 2013 and listed below. The project was identified as your project: **501 Leonard Street**.

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
13C0168-01	SB-2A (0-2')	Soil	03/06/2013	03/06/2013
13C0168-02	SB-2A (5-7')	Soil	03/06/2013	03/06/2013
13C0168-03	SB-3A (0-2')	Soil	03/06/2013	03/06/2013
13C0168-04	SB-3A (5-7')	Soil	03/06/2013	03/06/2013
13C0168-05	SB-4 (0-2')	Soil	03/06/2013	03/06/2013
13C0168-06	SB-4 (5-7')	Soil	03/06/2013	03/06/2013
13C0168-07	MW	Water	03/06/2013	03/06/2013
13C0168-08	GW-1	Water	03/06/2013	03/06/2013
13C0168-09	GW-2	Water	03/06/2013	03/06/2013
13C0168-10	GW-3	Water	03/06/2013	03/06/2013
13C0168-11	Field Blank	Water	03/06/2013	03/06/2013
13C0168-12	DUP (GW)	Water	03/06/2013	03/06/2013
13C0168-13	DUP (Soil)	Soil	03/06/2013	03/06/2013

General Notes for York Project (SDG) No.: 13C0168

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

Approved By: **Date:** 03/18/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (0-2')** **York Sample ID:** **13C0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	150	570	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
78-93-3	2-Butanone	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
67-64-1	Acetone	**85**	J	ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
71-43-2	Benzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-25-2	Bromoform	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (0-2')** **York Sample ID:** **13C0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
67-66-3	Chloroform	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-09-2	Methylene chloride	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
91-20-3	Naphthalene	**2200**		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
100-42-5	Styrene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
108-88-3	Toluene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	28	57	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	28	170	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	28	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:06	SS

Surrogate Recoveries	Result	Acceptance Range

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (0-2')** **York Sample ID:** **13C0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **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
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.5 %*			*73-130*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.2 %*			*72-127*						
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*			*84-117*						

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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	**5090**		ug/kg dry	1750	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	2320	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
62-53-3	Aniline	ND		ug/kg dry	2760	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
120-12-7	Anthracene	**9890**		ug/kg dry	2640	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
56-55-3	Benzo(a)anthracene	**13900**		ug/kg dry	1810	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
50-32-8	Benzo(a)pyrene	**17800**		ug/kg dry	1910	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
205-99-2	Benzo(b)fluoranthene	**12000**		ug/kg dry	4040	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
191-24-2	Benzo(g,h,i)perylene	**10600**		ug/kg dry	1600	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	4830	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
207-08-9	Benzo(k)fluoranthene	**11800**		ug/kg dry	4830	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	2660	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	2330	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	3250	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1250	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1660	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	2460	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1700	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	3330	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	2610	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1590	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	2830	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
218-01-9	Chrysene	**14300**		ug/kg dry	2220	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
53-70-3	Dibenzo(a,h)anthracene	**4130**	J	ug/kg dry	1940	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	2250	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1960	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3160	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2970	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1530	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2530	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (0-2')** **York Sample ID:** **13C0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List **Log-in Notes:** **VOA-CO]** **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
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	3940	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	3030	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	3380	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	2150	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	6080	9650	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	4210	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	4050	9650	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	2480	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2130	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	4830	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
206-44-0	Fluoranthene	**45700**		ug/kg dry	2830	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
86-73-7	Fluorene	**6020**		ug/kg dry	2320	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	2850	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1630	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	3590	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1380	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**9960**		ug/kg dry	2200	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
78-59-1	Isophorone	ND		ug/kg dry	1660	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	3710	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1830	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	2090	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
91-20-3	Naphthalene	**5140**		ug/kg dry	1190	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	4800	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2000	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1420	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1810	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1310	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1610	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1980	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2180	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	3640	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
85-01-8	Phenanthrene	**60100**		ug/kg dry	2520	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
108-95-2	Phenol	ND		ug/kg dry	2090	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
129-00-0	Pyrene	**38800**		ug/kg dry	1970	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (0-2')** **York Sample ID:** **13C0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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
110-86-1	Pyridine	ND		ug/kg dry	3390	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1750	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	3750	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	2450	4830	25	EPA SW-846 8270C	03/11/2013 11:23	03/13/2013 10:24	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	*S-06*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*34.0 %*	*S-06*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	*S-06*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*%*	*S-06*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*55.9 %*	*S-06*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	*S-06*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CO] **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
8001-35-2	Toxaphene	ND		ug/kg dry	96.7	96.7	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.56	9.56	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
7421-93-4	Endrin aldehyde	**8.21**		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.65	7.65	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
50-29-3	4,4'-DDT	**6.75**		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
72-55-9	4,4'-DDE	**15.6**		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:25	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (0-2')** **York Sample ID:** **13C0168-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
11097-69-1	Aroclor 1254	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	197	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW
1336-36-3	Total PCBs	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:39	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.4 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**3510**		mg/kg dry	1.18	2.32	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-36-0	Antimony	**0.682**		mg/kg dry	0.255	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-38-2	Arsenic	**7.50**		mg/kg dry	0.394	1.16	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-39-3	Barium	**149**		mg/kg dry	0.151	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.116	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-70-2	Calcium	**12800**		mg/kg dry	0.046	5.79	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-47-3	Chromium	**13.1**		mg/kg dry	0.139	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-48-4	Cobalt	**6.35**		mg/kg dry	0.093	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-50-8	Copper	**177**		mg/kg dry	0.139	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7439-89-6	Iron	**18300**		mg/kg dry	0.753	2.32	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7439-92-1	Lead	**992**		mg/kg dry	0.197	0.348	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7439-95-4	Magnesium	**2110**		mg/kg dry	0.521	5.79	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7439-96-5	Manganese	**198**		mg/kg dry	0.127	1.16	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-02-0	Nickel	**19.5**		mg/kg dry	0.151	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-09-7	Potassium	**774**		mg/kg dry	3.92	11.6	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7782-49-2	Selenium	**2.81**		mg/kg dry	0.579	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-22-4	Silver	ND		mg/kg dry	0.116	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-23-5	Sodium	**384**		mg/kg dry	6.10	11.6	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-28-0	Thallium	ND		mg/kg dry	0.371	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-62-2	Vanadium	**14.4**		mg/kg dry	0.127	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW
7440-66-6	Zinc	**470**		mg/kg dry	0.104	0.579	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:01	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-2A (0-2') **York Sample ID:** 13C0168-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	**0.556**		mg/kg dry	0.109	0.116	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: VOA-CO] **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	**86.3**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

Sample Information

Client Sample ID: SB-2A (5-7') **York Sample ID:** 13C0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (5-7')** **York Sample ID:** **13C0168-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	130	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
78-93-3	2-Butanone	**10**	J	ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
67-64-1	Acetone	**62**		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
71-43-2	Benzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-25-2	Bromoform	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
67-66-3	Chloroform	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
91-20-3	Naphthalene	**50**		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (5-7')** **York Sample ID:** **13C0168-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
100-42-5	Styrene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
108-88-3	Toluene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	40	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.6	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 02:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.6 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*92.0 %*	*84-117*

Semi-Volatiles, 8270 Target List

Log-in Notes: **VOA-CO]** **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	**276**		ug/kg dry	80.0	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	106	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
62-53-3	Aniline	ND		ug/kg dry	126	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
120-12-7	Anthracene	**696**		ug/kg dry	121	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
56-55-3	Benzo(a)anthracene	**775**		ug/kg dry	82.6	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
50-32-8	Benzo(a)pyrene	**886**		ug/kg dry	87.5	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
205-99-2	Benzo(b)fluoranthene	**760**		ug/kg dry	185	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
191-24-2	Benzo(g,h,i)perylene	**84.4**	J	ug/kg dry	73.4	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	221	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
207-08-9	Benzo(k)fluoranthene	**857**		ug/kg dry	221	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	122	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	106	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	149	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	57.4	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	76.0	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	113	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (5-7')** **York Sample ID:** **13C0168-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: **VOA-CO]** **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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	77.8	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**230**		ug/kg dry	152	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	119	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	72.9	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	129	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
218-01-9	Chrysene	**741**		ug/kg dry	102	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	88.8	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
132-64-9	Dibenzofuran	**275**		ug/kg dry	103	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	89.7	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	145	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	136	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	69.8	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	116	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	180	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	139	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	155	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	98.5	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	278	442	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	193	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	186	442	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	114	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	97.7	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	221	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
206-44-0	Fluoranthene	**2090**		ug/kg dry	129	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
86-73-7	Fluorene	**469**		ug/kg dry	106	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	130	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.7	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	164	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	63.2	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**126**	J	ug/kg dry	101	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
78-59-1	Isophorone	ND		ug/kg dry	76.0	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	170	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	84.0	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	95.9	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (5-7')** **York Sample ID:** **13C0168-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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
91-20-3	Naphthalene	**227**		ug/kg dry	54.4	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	220	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	65.0	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	83.1	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	60.1	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	73.8	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	90.6	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	99.9	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	167	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
85-01-8	Phenanthrene	**2650**		ug/kg dry	115	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
108-95-2	Phenol	ND		ug/kg dry	95.5	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
129-00-0	Pyrene	**1810**		ug/kg dry	90.1	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
110-86-1	Pyridine	ND		ug/kg dry	155	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	80.0	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	171	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	112	221	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:22	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*103 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.6 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*71.5 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.1 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*75.5 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*90.2 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CO] **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
8001-35-2	Toxaphene	ND		ug/kg dry	111	111	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.9	10.9	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
72-20-8	Endrin	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-2A (5-7')** **York Sample ID:** **13C0168-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.75	8.75	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
309-00-2	Aldrin	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.19	2.19	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:12	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	22.5	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.01	22.5	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 17:59	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.9 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**3780**		mg/kg dry	1.35	2.65	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-36-0	Antimony	ND		mg/kg dry	0.292	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-38-2	Arsenic	**9.71**		mg/kg dry	0.451	1.33	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-39-3	Barium	**142**		mg/kg dry	0.172	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.133	0.133	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.133	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-70-2	Calcium	**18100**		mg/kg dry	0.053	6.63	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-47-3	Chromium	**18.8**		mg/kg dry	0.159	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-48-4	Cobalt	**6.42**		mg/kg dry	0.106	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-2A (5-7') **York Sample ID:** 13C0168-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Metals, Target Analyte

Log-in Notes: VOA-CO] **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	**94.1**		mg/kg dry	0.159	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7439-89-6	Iron	**12000**		mg/kg dry	0.862	2.65	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7439-92-1	Lead	**838**		mg/kg dry	0.225	0.398	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7439-95-4	Magnesium	**1410**		mg/kg dry	0.597	6.63	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7439-96-5	Manganese	**201**		mg/kg dry	0.146	1.33	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-02-0	Nickel	**17.2**		mg/kg dry	0.172	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-09-7	Potassium	**661**		mg/kg dry	4.48	13.3	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7782-49-2	Selenium	**2.70**		mg/kg dry	0.663	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-22-4	Silver	ND		mg/kg dry	0.133	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-23-5	Sodium	**477**		mg/kg dry	6.99	13.3	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-28-0	Thallium	ND		mg/kg dry	0.424	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-62-2	Vanadium	**21.3**		mg/kg dry	0.146	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW
7440-66-6	Zinc	**230**		mg/kg dry	0.119	0.663	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:06	MW

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	**0.650**		mg/kg dry	0.125	0.133	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: VOA-CO] **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	**75.4**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

Sample Information

Client Sample ID: SB-3A (0-2') **York Sample ID:** 13C0168-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (0-2')** **York Sample ID:** **13C0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	30	110	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
78-93-3	2-Butanone	**7.2**	J	ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
67-64-1	Acetone	**57**	B	ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-25-2	Bromoform	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
67-66-3	Chloroform	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (0-2')** **York Sample ID:** **13C0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
100-42-5	Styrene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.7	34	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/17/2013 07:56	03/17/2013 13:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.9 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.0 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*93.4 %*	*84-117*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (0-2')** **York Sample ID:** **13C0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: **VOA-CO]** **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	68.7	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	91.1	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
62-53-3	Aniline	ND		ug/kg dry	109	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
120-12-7	Anthracene	ND		ug/kg dry	104	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
56-55-3	Benzo(a)anthracene	**301**		ug/kg dry	71.0	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
50-32-8	Benzo(a)pyrene	**362**		ug/kg dry	75.2	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
205-99-2	Benzo(b)fluoranthene	**305**		ug/kg dry	159	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	63.0	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	190	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
207-08-9	Benzo(k)fluoranthene	**252**		ug/kg dry	190	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	105	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	91.5	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	128	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.4	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	65.3	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	96.8	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.8	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**278**		ug/kg dry	131	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	103	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	62.7	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	111	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
218-01-9	Chrysene	**328**		ug/kg dry	87.3	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	76.3	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	88.5	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	77.1	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	124	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	117	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	60.0	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	99.5	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	155	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	119	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	133	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	84.7	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	166	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (0-2')** **York Sample ID:** **13C0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List **Log-in Notes:** **VOA-CO]** **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
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	239	380	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	159	380	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	97.6	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	83.9	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	190	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
206-44-0	Fluoranthene	**442**		ug/kg dry	111	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
86-73-7	Fluorene	ND		ug/kg dry	91.1	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	112	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	64.2	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	141	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	54.3	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	86.6	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
78-59-1	Isophorone	ND		ug/kg dry	65.3	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	146	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	72.1	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	82.4	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.7	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	189	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	78.6	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	55.8	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	71.4	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.6	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	63.4	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	77.8	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	85.8	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	143	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
85-01-8	Phenanthrene	**279**		ug/kg dry	99.1	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
108-95-2	Phenol	ND		ug/kg dry	82.0	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
129-00-0	Pyrene	**527**		ug/kg dry	77.5	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
110-86-1	Pyridine	ND		ug/kg dry	133	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.7	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	147	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	96.5	190	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 17:53	SR

Surrogate Recoveries	Result	Acceptance Range

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (0-2')** **York Sample ID:** **13C0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*57.5 %*			*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.9 %*			*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*58.6 %*			*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.2 %*			*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*58.2 %*			*15-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*75.3 %*			*30-130*						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CO] **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
8001-35-2	Toxaphene	ND		ug/kg dry	95.1	95.1	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.40	9.40	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.52	7.52	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	1.88	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:27	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (0-2')** **York Sample ID:** **13C0168-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.4	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:18	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.6 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.4 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**5060**		mg/kg dry	1.16	2.28	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-36-0	Antimony	ND		mg/kg dry	0.251	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-38-2	Arsenic	**17.5**		mg/kg dry	0.387	1.14	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-39-3	Barium	**121**		mg/kg dry	0.148	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.114	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-70-2	Calcium	**18400**		mg/kg dry	0.046	5.70	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-47-3	Chromium	**13.7**		mg/kg dry	0.137	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-48-4	Cobalt	**6.83**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-50-8	Copper	**503**		mg/kg dry	0.137	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7439-89-6	Iron	**21500**		mg/kg dry	0.740	2.28	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7439-92-1	Lead	**332**		mg/kg dry	0.194	0.342	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7439-95-4	Magnesium	**1580**		mg/kg dry	0.513	5.70	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7439-96-5	Manganese	**410**		mg/kg dry	0.125	1.14	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-02-0	Nickel	**27.2**		mg/kg dry	0.148	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-09-7	Potassium	**1050**		mg/kg dry	3.85	11.4	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7782-49-2	Selenium	**2.92**		mg/kg dry	0.570	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-22-4	Silver	**10.3**		mg/kg dry	0.114	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-23-5	Sodium	**440**		mg/kg dry	6.00	11.4	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-28-0	Thallium	ND		mg/kg dry	0.365	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-62-2	Vanadium	**21.9**		mg/kg dry	0.125	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW
7440-66-6	Zinc	**804**		mg/kg dry	0.103	0.570	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:25	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-3A (0-2') **York Sample ID:** 13C0168-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	**0.615**		mg/kg dry	0.107	0.114	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: VOA-CO] **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	**87.8**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

Sample Information

Client Sample ID: SB-3A (5-7') **York Sample ID:** 13C0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (5-7')** **York Sample ID:** **13C0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	30	110	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
78-93-3	2-Butanone	**9.8**	J	ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
67-64-1	Acetone	**60**		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-25-2	Bromoform	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
67-66-3	Chloroform	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (5-7')** **York Sample ID:** **13C0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
100-42-5	Styrene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.7	11	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.7	34	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.7	23	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 03:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.9 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*84-117*

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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	69.5	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	92.2	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
62-53-3	Aniline	ND		ug/kg dry	110	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
120-12-7	Anthracene	**109**	J	ug/kg dry	105	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
56-55-3	Benzo(a)anthracene	**149**	J	ug/kg dry	71.8	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
50-32-8	Benzo(a)pyrene	**139**	J	ug/kg dry	76.0	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
205-99-2	Benzo(b)fluoranthene	**177**	J	ug/kg dry	161	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	63.8	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	192	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
207-08-9	Benzo(k)fluoranthene	**237**		ug/kg dry	192	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	106	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	92.6	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	129	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.9	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.1	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	97.9	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (5-7')** **York Sample ID:** **13C0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: **VOA-CO]** **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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.6	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	133	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	104	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	63.4	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	113	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
218-01-9	Chrysene	**194**		ug/kg dry	88.3	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	77.2	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	89.5	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	78.0	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	126	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	118	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	60.7	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	101	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	157	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	121	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	134	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	85.6	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	167	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	242	384	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	161	384	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	98.7	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.9	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	192	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
206-44-0	Fluoranthene	**207**		ug/kg dry	113	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
86-73-7	Fluorene	ND		ug/kg dry	92.2	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	113	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	64.9	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	143	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	54.9	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	87.6	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
78-59-1	Isophorone	ND		ug/kg dry	66.1	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	147	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	73.0	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	83.3	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (5-7')** **York Sample ID:** **13C0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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
91-20-3	Naphthalene	ND		ug/kg dry	47.2	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	191	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	79.5	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	56.5	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	72.2	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.2	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	64.1	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	78.7	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	86.8	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	145	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
85-01-8	Phenanthrene	ND		ug/kg dry	100	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
108-95-2	Phenol	ND		ug/kg dry	83.0	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
129-00-0	Pyrene	**283**		ug/kg dry	78.4	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
110-86-1	Pyridine	ND		ug/kg dry	135	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	69.5	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	149	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	97.6	192	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:25	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*98.6 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.4 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*61.7 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*48.5 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*64.4 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*101 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CO] **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
8001-35-2	Toxaphene	ND		ug/kg dry	96.2	96.2	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.51	9.51	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-3A (5-7')** **York Sample ID:** **13C0168-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.60	7.60	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:43	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.6	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.84	19.6	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:38	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.1 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**3040**		mg/kg dry	1.18	2.30	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-36-0	Antimony	**0.950**		mg/kg dry	0.253	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-38-2	Arsenic	**24.5**		mg/kg dry	0.392	1.15	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-39-3	Barium	**231**		mg/kg dry	0.150	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.115	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-70-2	Calcium	**7250**		mg/kg dry	0.046	5.76	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-47-3	Chromium	**10.2**		mg/kg dry	0.138	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-48-4	Cobalt	**5.63**		mg/kg dry	0.092	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-3A (5-7') **York Sample ID:** 13C0168-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Metals, Target Analyte

Log-in Notes: VOA-CO] **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	**131**		mg/kg dry	0.138	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7439-89-6	Iron	**13200**		mg/kg dry	0.749	2.30	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7439-92-1	Lead	**1070**		mg/kg dry	0.196	0.346	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7439-95-4	Magnesium	**601**		mg/kg dry	0.519	5.76	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7439-96-5	Manganese	**162**		mg/kg dry	0.127	1.15	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-02-0	Nickel	**14.8**		mg/kg dry	0.150	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-09-7	Potassium	**469**		mg/kg dry	3.89	11.5	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7782-49-2	Selenium	**11.3**		mg/kg dry	0.576	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-22-4	Silver	ND		mg/kg dry	0.115	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-23-5	Sodium	**366**		mg/kg dry	6.07	11.5	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-28-0	Thallium	ND		mg/kg dry	0.369	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-62-2	Vanadium	**18.8**		mg/kg dry	0.127	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW
7440-66-6	Zinc	**664**		mg/kg dry	0.104	0.576	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:30	MW

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	**0.611**		mg/kg dry	0.108	0.115	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: VOA-CO] **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	**86.8**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

Sample Information

Client Sample ID: SB-4 (0-2') **York Sample ID:** 13C0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-4 (0-2')** **York Sample ID:** **13C0168-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	33	120	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
78-93-3	2-Butanone	**13**	J	ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
67-64-1	Acetone	**70**		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
71-43-2	Benzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-25-2	Bromoform	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
67-66-3	Chloroform	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-4 (0-2')** **York Sample ID:** **13C0168-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
100-42-5	Styrene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
108-88-3	Toluene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	37	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.2	25	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 04:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.6 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.9 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*84-117*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-4 (0-2')** **York Sample ID:** **13C0168-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List **Log-in Notes:** **VOA-CO]** **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	74.4	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	98.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
62-53-3	Aniline	ND		ug/kg dry	118	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
120-12-7	Anthracene	**128**	J	ug/kg dry	112	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
56-55-3	Benzo(a)anthracene	**113**	J	ug/kg dry	76.9	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
50-32-8	Benzo(a)pyrene	**125**	J	ug/kg dry	81.4	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	172	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	68.2	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	206	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	206	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	113	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	99.1	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	139	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.4	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	105	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.4	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**190**	J	ug/kg dry	142	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	111	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.8	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	120	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
218-01-9	Chrysene	**124**	J	ug/kg dry	94.6	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	82.6	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	95.8	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	83.5	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	134	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	127	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	65.0	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	108	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	168	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	129	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	144	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	91.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	259	411	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (0-2')

York Sample ID: 13C0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO]

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
88-74-4	2-Nitroaniline	ND		ug/kg dry	179	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	411	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	106	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.9	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	206	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
206-44-0	Fluoranthene	**183**	J	ug/kg dry	120	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
86-73-7	Fluorene	ND		ug/kg dry	98.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	121	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.5	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	153	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	58.8	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	93.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
78-59-1	Isophorone	ND		ug/kg dry	70.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	158	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	78.1	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	89.2	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.6	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	204	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.1	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	60.4	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	77.3	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	55.9	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.7	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	84.3	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	92.9	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	155	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
85-01-8	Phenanthrene	**133**	J	ug/kg dry	107	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
108-95-2	Phenol	ND		ug/kg dry	88.8	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
129-00-0	Pyrene	**243**		ug/kg dry	83.9	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
110-86-1	Pyridine	ND		ug/kg dry	144	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.4	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	160	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	104	206	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 18:56	SR

Surrogate Recoveries	Result	Acceptance Range

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (0-2')

York Sample ID: 13C0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*72.7 %*			*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.8 %*			*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*57.5 %*			*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.6 %*			*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*60.1 %*			*15-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*79.1 %*			*30-130*						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CO] **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
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
72-20-8	Endrin	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.14	8.14	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
309-00-2	Aldrin	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-4 (0-2')** **York Sample ID:** **13C0168-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.0	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.39	21.0	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 18:58	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.8 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.1 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**4470**		mg/kg dry	1.26	2.47	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-36-0	Antimony	ND		mg/kg dry	0.271	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-38-2	Arsenic	**14.8**		mg/kg dry	0.419	1.23	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-39-3	Barium	**271**		mg/kg dry	0.160	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.123	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-70-2	Calcium	**14700**		mg/kg dry	0.049	6.17	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-47-3	Chromium	**13.3**		mg/kg dry	0.148	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-48-4	Cobalt	**9.63**		mg/kg dry	0.099	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-50-8	Copper	**484**		mg/kg dry	0.148	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7439-89-6	Iron	**21100**		mg/kg dry	0.802	2.47	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7439-92-1	Lead	**557**		mg/kg dry	0.210	0.370	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7439-95-4	Magnesium	**837**		mg/kg dry	0.555	6.17	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7439-96-5	Manganese	**363**		mg/kg dry	0.136	1.23	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-02-0	Nickel	**27.8**		mg/kg dry	0.160	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-09-7	Potassium	**746**		mg/kg dry	4.17	12.3	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7782-49-2	Selenium	**4.55**		mg/kg dry	0.617	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-22-4	Silver	ND		mg/kg dry	0.123	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-23-5	Sodium	**358**		mg/kg dry	6.50	12.3	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-28-0	Thallium	ND		mg/kg dry	0.395	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-62-2	Vanadium	**30.8**		mg/kg dry	0.136	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW
7440-66-6	Zinc	**346**		mg/kg dry	0.111	0.617	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:35	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (0-2') **York Sample ID:** 13C0168-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	**0.617**		mg/kg dry	0.116	0.123	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: VOA-CO] **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	**81.1**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

Sample Information

Client Sample ID: SB-4 (5-7') **York Sample ID:** 13C0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (5-7')

York Sample ID: 13C0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO]

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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	32	120	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
78-93-3	2-Butanone	**16**	J	ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
67-64-1	Acetone	**89**		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
71-43-2	Benzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
67-66-3	Chloroform	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-09-2	Methylene chloride	**6.1**	J	ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (5-7')

York Sample ID: 13C0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
100-42-5	Styrene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
108-88-3	Toluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	36	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.1 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*84-117*

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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	**192**	J	ug/kg dry	72.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	95.7	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
62-53-3	Aniline	ND		ug/kg dry	114	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
120-12-7	Anthracene	**487**		ug/kg dry	109	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
56-55-3	Benzo(a)anthracene	**753**		ug/kg dry	74.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
50-32-8	Benzo(a)pyrene	**610**		ug/kg dry	79.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
205-99-2	Benzo(b)fluoranthene	**548**		ug/kg dry	167	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	66.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	199	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
207-08-9	Benzo(k)fluoranthene	**649**		ug/kg dry	199	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	110	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	96.1	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	134	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.9	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	102	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (5-7')

York Sample ID: 13C0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO]

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	138	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	108	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	65.8	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	117	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
218-01-9	Chrysene	**716**		ug/kg dry	91.7	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	80.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
132-64-9	Dibenzofuran	**116**	J	ug/kg dry	92.9	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	81.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	130	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	123	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	63.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	105	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	163	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	125	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	140	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	89.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	251	399	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	174	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	168	399	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	103	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	88.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	199	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
206-44-0	Fluoranthene	**1520**		ug/kg dry	117	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
86-73-7	Fluorene	**249**		ug/kg dry	95.7	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	118	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	67.4	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	148	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	57.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	91.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
78-59-1	Isophorone	ND		ug/kg dry	68.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	153	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	75.8	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	86.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (5-7') **York Sample ID:** 13C0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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
91-20-3	Naphthalene	ND		ug/kg dry	49.1	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	198	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	82.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	58.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	75.0	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	54.3	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	66.6	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	81.8	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	90.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	150	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
85-01-8	Phenanthrene	**1570**		ug/kg dry	104	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
108-95-2	Phenol	ND		ug/kg dry	86.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
129-00-0	Pyrene	**1480**		ug/kg dry	81.4	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
110-86-1	Pyridine	ND		ug/kg dry	140	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	72.2	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	155	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	101	199	1	EPA SW-846 8270C	03/11/2013 11:23	03/12/2013 19:28	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*66.9 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.0 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*64.6 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.0 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*62.8 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.9 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CO] **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
8001-35-2	Toxaphene	ND		ug/kg dry	99.9	99.9	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.87	9.87	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
72-20-8	Endrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-4 (5-7')** **York Sample ID:** **13C0168-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.90	7.90	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
309-00-2	Aldrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:13	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.3	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.14	20.3	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:17	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.1 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.4 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**3030**		mg/kg dry	1.22	2.39	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-36-0	Antimony	ND		mg/kg dry	0.263	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-38-2	Arsenic	**5.97**		mg/kg dry	0.407	1.20	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-39-3	Barium	**72.7**		mg/kg dry	0.156	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.120	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-70-2	Calcium	**6320**		mg/kg dry	0.048	5.98	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-47-3	Chromium	**9.11**		mg/kg dry	0.144	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-48-4	Cobalt	**4.46**		mg/kg dry	0.096	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-4 (5-7') **York Sample ID:** 13C0168-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Metals, Target Analyte

Log-in Notes: VOA-CO] **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	**65.3**		mg/kg dry	0.144	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7439-89-6	Iron	**13100**		mg/kg dry	0.778	2.39	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7439-92-1	Lead	**269**		mg/kg dry	0.203	0.359	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7439-95-4	Magnesium	**1190**		mg/kg dry	0.539	5.98	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7439-96-5	Manganese	**198**		mg/kg dry	0.132	1.20	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-02-0	Nickel	**12.1**		mg/kg dry	0.156	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-09-7	Potassium	**612**		mg/kg dry	4.04	12.0	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7782-49-2	Selenium	**2.16**		mg/kg dry	0.598	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.120	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-23-5	Sodium	**351**		mg/kg dry	6.31	12.0	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-28-0	Thallium	ND		mg/kg dry	0.383	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-62-2	Vanadium	**13.7**		mg/kg dry	0.132	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW
7440-66-6	Zinc	**140**		mg/kg dry	0.108	0.598	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:40	MW

Mercury by 7470/7471

Log-in Notes: VOA-CO] **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	**0.610**		mg/kg dry	0.112	0.120	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: VOA-CO] **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	**83.6**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

Sample Information

Client Sample ID: MW **York Sample ID:** 13C0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Metals, Dissolved - Target Analyte (TAL)

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	03/07/2013 15:09	03/07/2013 20:10	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-39-3	Barium	**0.148**		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW

York Sample ID: 13C0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Metals, Dissolved - Target Analyte (TAL)

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
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-70-2	Calcium	**94.4**		mg/L	0.019	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7439-89-6	Iron	**26.2**		mg/L	0.010	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7439-95-4	Magnesium	**36.3**		mg/L	0.010	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7439-96-5	Manganese	**0.160**		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-02-0	Nickel	**0.005**		mg/L	0.001	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-09-7	Potassium	**27.4**		mg/L	0.026	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7782-49-2	Selenium	**0.014**		mg/L	0.007	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-23-5	Sodium	**70.8**		mg/L	0.061	0.100	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:10	MW

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	**3.24**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-38-2	Arsenic	**0.011**		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-39-3	Barium	**0.229**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-70-2	Calcium	**99.0**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-47-3	Chromium	**0.010**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-48-4	Cobalt	**0.005**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-50-8	Copper	**0.035**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7439-89-6	Iron	**37.3**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7439-92-1	Lead	**0.427**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7439-95-4	Magnesium	**36.7**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7439-96-5	Manganese	**0.501**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-02-0	Nickel	**0.015**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-09-7	Potassium	**29.6**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW | **York Sample ID:** 13C0168-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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
7782-49-2	Selenium	**0.010**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-23-5	Sodium	**71.8**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-62-2	Vanadium	**0.020**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	MW
7440-66-6	Zinc	**0.108**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:15	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	**0.0010**		mg/L	0.00004	0.0002	1	EPA SW846-7470	03/12/2013 16:00	03/12/2013 16:00	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	03/12/2013 16:02	03/12/2013 16:02	AA

Sample Information

Client Sample ID: GW-1 | **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
156-59-2	cis-1,2-Dichloroethylene	**1.2**	J	ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	03/14/2013 18:45	03/14/2013 18:45	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	3.93	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
208-96-8	Acenaphthylene	ND		ug/L	3.87	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
62-53-3	Aniline	ND		ug/L	3.33	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
120-12-7	Anthracene	ND		ug/L	2.64	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.91	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	3.13	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	3.22	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	3.80	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	4.07	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.96	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	4.20	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
106-47-8	4-Chloroaniline	ND		ug/L	6.62	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.93	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	3.33	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	6.64	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	10.6	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	4.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.98	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.44	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
218-01-9	Chrysene	ND		ug/L	3.27	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.47	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
132-64-9	Dibenzofuran	ND		ug/L	5.36	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.56	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.53	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.80	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	4.91	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.82	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	4.20	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
84-66-2	Diethyl phthalate	ND		ug/L	5.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.56	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
131-11-3	Dimethyl phthalate	ND		ug/L	4.24	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.60	22.2	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	22.2	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.58	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.58	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.49	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
206-44-0	Fluoranthene	ND		ug/L	2.76	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
86-73-7	Fluorene	ND		ug/L	4.07	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.82	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.20	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.62	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
67-72-1	Hexachloroethane	ND		ug/L	6.76	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.78	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
78-59-1	Isophorone	ND		ug/L	5.96	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	6.13	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	2.49	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
95-48-7	2-Methylphenol	ND		ug/L	2.58	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
91-20-3	Naphthalene	ND		ug/L	4.42	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
100-01-6	4-Nitroaniline	ND		ug/L	5.96	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
99-09-2	3-Nitroaniline	ND		ug/L	3.73	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.73	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
98-95-3	Nitrobenzene	ND		ug/L	3.76	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
88-75-5	2-Nitrophenol	ND		ug/L	5.24	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
100-02-7	4-Nitrophenol	ND		ug/L	3.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.864	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	11.1	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.22	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
85-01-8	Phenanthrene	ND		ug/L	3.04	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
108-95-2	Phenol	ND		ug/L	2.44	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
129-00-0	Pyrene	ND		ug/L	3.84	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
110-86-1	Pyridine	ND		ug/L	8.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.49	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	4.24	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 20:59	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*89.1 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.0 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*54.9 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.8 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*43.6 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*98.8 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **GW-1** **York Sample ID:** **13C0168-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
72-43-5	Methoxychlor	ND		ug/L	0.0100	0.0100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
76-44-8	Heptachlor	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
72-20-8	Endrin	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
959-98-8	Endosulfan I	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
319-86-8	delta-BHC	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
57-74-9	Chlordane, total	ND		ug/L	0.00800	0.00800	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
319-85-7	beta-BHC	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
319-84-6	alpha-BHC	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
309-00-2	Aldrin	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 17:54	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW
1336-36-3	Total PCBs	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 14:56	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.4 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.3 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Metals, Dissolved - Target Analyte (TAL)

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	03/07/2013 15:09	03/07/2013 20:20	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-39-3	Barium	**0.155**		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-70-2	Calcium	**253**		mg/L	0.019	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7439-89-6	Iron	**21.8**		mg/L	0.010	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7439-95-4	Magnesium	**21.8**		mg/L	0.010	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7439-96-5	Manganese	**0.654**		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-02-0	Nickel	**0.008**		mg/L	0.001	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-09-7	Potassium	**21.4**		mg/L	0.026	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7782-49-2	Selenium	**0.017**		mg/L	0.007	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-23-5	Sodium	**50.9**		mg/L	0.061	0.100	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW
7440-66-6	Zinc	**0.035**		mg/L	0.002	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:20	MW

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	**0.714**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-39-3	Barium	**0.182**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-70-2	Calcium	**254**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-50-8	Copper	**0.006**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-1 **York Sample ID:** 13C0168-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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
7439-89-6	Iron	**27.3**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7439-92-1	Lead	**0.043**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7439-95-4	Magnesium	**21.6**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7439-96-5	Manganese	**0.706**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-02-0	Nickel	**0.010**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-09-7	Potassium	**21.4**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7782-49-2	Selenium	**0.013**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-23-5	Sodium	**49.9**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	MW
7440-66-6	Zinc	**0.048**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:25	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	0.00004	0.0002	1	EPA SW846-7470	03/12/2013 16:00	03/12/2013 16:00	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	03/12/2013 16:02	03/12/2013 16:02	AA

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
91-20-3	Naphthalene	**4.5**	J	ug/L	1.2	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	03/14/2013 19:23	03/14/2013 19:23	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.08	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
208-96-8	Acenaphthylene	ND		ug/L	2.05	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
62-53-3	Aniline	ND		ug/L	1.76	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
120-12-7	Anthracene	ND		ug/L	1.40	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.54	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.53	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.66	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.71	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.01	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.15	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.00	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.56	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.22	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.51	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.08	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.76	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.52	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.62	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.59	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.11	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.88	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
218-01-9	Chrysene	ND		ug/L	1.73	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.84	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
132-64-9	Dibenzofuran	ND		ug/L	2.84	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.41	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.93	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.07	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.60	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.49	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.22	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.01	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.88	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.25	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.91	11.8	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.65	11.8	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.89	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.89	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.32	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
206-44-0	Fluoranthene	ND		ug/L	1.46	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
86-73-7	Fluorene	ND		ug/L	2.15	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.49	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.28	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.98	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
67-72-1	Hexachloroethane	ND		ug/L	3.58	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.00	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
78-59-1	Isophorone	ND		ug/L	3.15	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.25	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.32	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
95-48-7	2-Methylphenol	ND		ug/L	1.36	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
91-20-3	Naphthalene	**3.21**	J	ug/L	2.34	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.15	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.98	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.98	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
98-95-3	Nitrobenzene	ND		ug/L	1.99	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.95	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.01	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.458	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.88	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.71	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
85-01-8	Phenanthrene	**1.81**	J	ug/L	1.61	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
108-95-2	Phenol	ND		ug/L	1.29	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
129-00-0	Pyrene	ND		ug/L	2.04	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
110-86-1	Pyridine	ND		ug/L	4.60	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.91	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.06	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.25	5.88	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 21:32	SR

Surrogate Recoveries	Result	Acceptance Range

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*82.3 %*			*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.9 %*			*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*35.6 %*			*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*68.1 %*			*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*24.7 %*			*10-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*79.7 %*			*30-130*						

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
57-74-9	Chlordane, total	ND		ug/L	0.00421	0.00421	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:09	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 15:15	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.7 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*

Metals, Dissolved - Target Analyte (TAL)

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	03/07/2013 15:09	03/07/2013 20:30	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-39-3	Barium	**0.223**		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-70-2	Calcium	**368**		mg/L	0.019	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7439-89-6	Iron	**15.2**		mg/L	0.010	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7439-95-4	Magnesium	**30.3**		mg/L	0.010	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7439-96-5	Manganese	**0.834**		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-02-0	Nickel	**0.006**		mg/L	0.001	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-09-7	Potassium	**31.5**		mg/L	0.026	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7782-49-2	Selenium	**0.018**		mg/L	0.007	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-23-5	Sodium	**70.2**		mg/L	0.061	0.100	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW
7440-66-6	Zinc	**0.038**		mg/L	0.002	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 20:30	MW

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	**8.26**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-2 **York Sample ID:** 13C0168-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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
7440-38-2	Arsenic	**0.020**		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-39-3	Barium	**0.566**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-70-2	Calcium	**402**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-47-3	Chromium	**0.038**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-48-4	Cobalt	**0.025**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-50-8	Copper	**0.268**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7439-89-6	Iron	**138**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7439-92-1	Lead	**0.897**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7439-95-4	Magnesium	**33.6**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7439-96-5	Manganese	**3.47**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-02-0	Nickel	**0.054**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-09-7	Potassium	**32.3**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7782-49-2	Selenium	**0.030**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-23-5	Sodium	**71.0**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-62-2	Vanadium	**0.062**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	MW
7440-66-6	Zinc	**0.516**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:35	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	**0.0026**		mg/L	0.00004	0.0002	1	EPA SW846-7470	03/12/2013 16:00	03/12/2013 16:00	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	0.00003900	0.0002000	1	EPA SW846-7470/EPA 245.1	03/12/2013 16:02	03/12/2013 16:02	AA

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	**2.1**	J	ug/L	0.53	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	03/14/2013 20:02	03/14/2013 20:02	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.91	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
208-96-8	Acenaphthylene	ND		ug/L	1.88	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
62-53-3	Aniline	ND		ug/L	1.62	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
120-12-7	Anthracene	ND		ug/L	1.29	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.42	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.41	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.52	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.57	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.85	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.98	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.921	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.44	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.04	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.22	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.91	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.62	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.23	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.17	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.38	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.94	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.65	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
218-01-9	Chrysene	ND		ug/L	1.59	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.69	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.61	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.22	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.69	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.39	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.37	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.04	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.77	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.73	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.06	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.75	10.8	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.43	10.8	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.74	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.74	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.21	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
206-44-0	Fluoranthene	ND		ug/L	1.34	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
86-73-7	Fluorene	ND		ug/L	1.98	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.37	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.02	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.74	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
67-72-1	Hexachloroethane	ND		ug/L	3.29	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.84	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
78-59-1	Isophorone	ND		ug/L	2.90	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.98	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.21	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
95-48-7	2-Methylphenol	ND		ug/L	1.25	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
91-20-3	Naphthalene	ND		ug/L	2.15	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.90	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.82	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.82	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
98-95-3	Nitrobenzene	ND		ug/L	1.83	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.55	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.79	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.77	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.421	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.41	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.57	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
85-01-8	Phenanthrene	ND		ug/L	1.48	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
108-95-2	Phenol	ND		ug/L	1.19	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
129-00-0	Pyrene	ND		ug/L	1.87	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
110-86-1	Pyridine	ND		ug/L	4.23	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.67	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.89	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.06	5.41	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:03	SR

Surrogate Recoveries	Result	Acceptance Range

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*79.3 %*			*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.6 %*			*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*42.7 %*			*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*82.7 %*			*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*28.0 %*			*10-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*86.0 %*			*30-130*						

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
72-43-5	Methoxychlor	ND		ug/L	0.00541	0.00541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
76-44-8	Heptachlor	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
72-20-8	Endrin	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
959-98-8	Endosulfan I	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
60-57-1	Dieldrin	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
319-86-8	delta-BHC	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
57-74-9	Chlordane, total	ND		ug/L	0.00432	0.00432	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
319-85-7	beta-BHC	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
319-84-6	alpha-BHC	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
309-00-2	Aldrin	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:24	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW
1336-36-3	Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:37	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.3 %*	*30-150*

Metals, Dissolved - Target Analyte (TAL)

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	03/07/2013 15:09	03/07/2013 18:08	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-38-2	Arsenic	**0.032**		mg/L	0.004	0.004	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-39-3	Barium	**0.062**		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-70-2	Calcium	**66.5**		mg/L	0.019	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7439-89-6	Iron	**10.3**		mg/L	0.010	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7439-95-4	Magnesium	**6.49**		mg/L	0.010	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7439-96-5	Manganese	**0.246**		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-09-7	Potassium	**12.2**		mg/L	0.026	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-23-5	Sodium	**10.9**		mg/L	0.061	0.100	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 18:08	MW

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	**0.048**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GW-3 **York Sample ID:** 13C0168-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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
7440-38-2	Arsenic	**0.032**		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-39-3	Barium	**0.063**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-70-2	Calcium	**65.7**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7439-89-6	Iron	**10.6**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7439-95-4	Magnesium	**6.43**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7439-96-5	Manganese	**0.255**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-09-7	Potassium	**12.3**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-23-5	Sodium	**11.4**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:39	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	0.00004	0.0002	1	EPA SW846-7470	03/12/2013 16:00	03/12/2013 16:00	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	03/12/2013 16:02	03/12/2013 16:02	AA

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 13C0168-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	03/14/2013 20:40	03/14/2013 20:40	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*	*63.5-145*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*101 %*			*81.2-127*						

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	3.93	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
208-96-8	Acenaphthylene	ND		ug/L	3.87	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
62-53-3	Aniline	ND		ug/L	3.33	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
120-12-7	Anthracene	ND		ug/L	2.64	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.91	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	3.13	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
100-51-6	Benzyl alcohol	ND		ug/L	3.22	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	3.80	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	4.07	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.96	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	4.20	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
106-47-8	4-Chloroaniline	ND		ug/L	6.62	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.93	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	3.33	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	6.64	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**26.9**		ug/L	10.6	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	4.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.98	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.44	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
218-01-9	Chrysene	ND		ug/L	3.27	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.47	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
132-64-9	Dibenzofuran	ND		ug/L	5.36	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.56	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.80	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.53	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	4.91	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.82	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	4.20	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	5.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.56	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
131-11-3	Dimethyl phthalate	ND		ug/L	4.24	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.60	22.2	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	22.2	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.58	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.58	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.49	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
206-44-0	Fluoranthene	ND		ug/L	2.76	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
86-73-7	Fluorene	ND		ug/L	4.07	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.82	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	6.20	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.62	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
67-72-1	Hexachloroethane	ND		ug/L	6.76	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.78	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
78-59-1	Isophorone	ND		ug/L	5.96	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	6.13	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	2.49	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
95-48-7	2-Methylphenol	ND		ug/L	2.58	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
91-20-3	Naphthalene	ND		ug/L	4.42	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
100-01-6	4-Nitroaniline	ND		ug/L	5.96	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
99-09-2	3-Nitroaniline	ND		ug/L	3.73	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.73	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
98-95-3	Nitrobenzene	ND		ug/L	3.76	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
88-75-5	2-Nitrophenol	ND		ug/L	5.24	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
100-02-7	4-Nitrophenol	ND		ug/L	3.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.864	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	11.1	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.22	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
85-01-8	Phenanthrene	ND		ug/L	3.04	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
108-95-2	Phenol	ND		ug/L	2.44	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
129-00-0	Pyrene	ND		ug/L	3.84	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
110-86-1	Pyridine	ND		ug/L	8.69	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.49	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.89	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	4.24	11.1	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 22:36	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*85.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.5 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*58.1 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*86.7 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*44.8 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*92.5 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
72-43-5	Methoxychlor	ND		ug/L	0.0100	0.0100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
76-44-8	Heptachlor	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
72-20-8	Endrin	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
959-98-8	Endosulfan I	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
319-86-8	delta-BHC	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
57-74-9	Chlordane, total	ND		ug/L	0.00800	0.00800	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
319-85-7	beta-BHC	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
319-84-6	alpha-BHC	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
309-00-2	Aldrin	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00200	0.00200	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:39	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW
1336-36-3	Total PCBs	ND		ug/L	0.100	0.100	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 14:57	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.3 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.2 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-39-3	Barium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-70-2	Calcium	ND		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7439-89-6	Iron	**0.020**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7439-95-4	Magnesium	ND		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7439-96-5	Manganese	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-09-7	Potassium	ND		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-23-5	Sodium	**0.154**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 20:58	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13C0168-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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	0.00004	0.0002	1	EPA SW846-7470	03/12/2013 16:00	03/12/2013 16:00	AA

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	**3.2**	J	ug/L	0.53	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	BK
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	03/14/2013 21:19	03/14/2013 21:19	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*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.86	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
208-96-8	Acenaphthylene	ND		ug/L	1.83	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
120-12-7	Anthracene	ND		ug/L	1.25	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.38	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.37	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.48	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.80	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.03	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.88	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: DUP (GW) **York Sample ID:** 13C0168-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
218-01-9	Chrysene	ND		ug/L	1.55	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.64	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.68	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.71	10.5	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.37	10.5	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
206-44-0	Fluoranthene	ND		ug/L	1.31	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
86-73-7	Fluorene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.34	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.94	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
67-72-1	Hexachloroethane	ND		ug/L	3.20	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.79	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.18	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
95-48-7	2-Methylphenol	ND		ug/L	1.22	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
91-20-3	Naphthalene	ND		ug/L	2.09	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
98-95-3	Nitrobenzene	ND		ug/L	1.78	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.48	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.75	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.409	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
85-01-8	Phenanthrene	ND		ug/L	1.44	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
108-95-2	Phenol	ND		ug/L	1.16	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
129-00-0	Pyrene	ND		ug/L	1.82	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.84	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.01	5.26	1	EPA 8270C/625	03/08/2013 07:15	03/08/2013 16:02	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*74.0 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.9 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*31.8 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*111 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*16.0 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.6 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
57-74-9	Chlordane, total	ND		ug/L	0.00421	0.00421	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/14/2013 18:54	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	03/08/2013 07:18	03/13/2013 15:17	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.3 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.0 %*	*30-150*

Metals, Dissolved - Target Analyte (TAL)

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	03/07/2013 15:09	03/07/2013 21:03	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-38-2	Arsenic	**0.031**		mg/L	0.004	0.004	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-39-3	Barium	**0.060**		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-70-2	Calcium	**65.6**		mg/L	0.019	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7439-89-6	Iron	**10.1**		mg/L	0.010	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7439-95-4	Magnesium	**6.52**		mg/L	0.010	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	**0.242**		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-09-7	Potassium	**12.3**		mg/L	0.026	0.050	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-23-5	Sodium	**11.7**		mg/L	0.061	0.100	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	03/07/2013 15:09	03/07/2013 21:03	MW

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	**0.038**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-38-2	Arsenic	**0.030**		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-39-3	Barium	**0.062**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-70-2	Calcium	**66.2**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7439-89-6	Iron	**10.9**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7439-95-4	Magnesium	**6.56**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7439-96-5	Manganese	**0.260**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-09-7	Potassium	**12.4**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-23-5	Sodium	**11.5**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	03/07/2013 15:09	03/07/2013 21:08	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13C0168-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Water	March 6, 2013 11:00 am	03/06/2013

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	0.00004	0.0002	1	EPA SW846-7470	03/12/2013 16:00	03/12/2013 16:00	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	03/12/2013 16:02	03/12/2013 16:02	AA

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: **VOA-CO]** **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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	130	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
78-93-3	2-Butanone	**13**	J	ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
67-64-1	Acetone	**72**		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
71-43-2	Benzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-25-2	Bromoform	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
67-66-3	Chloroform	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
91-20-3	Naphthalene	**16**	J	ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CO] **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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
100-42-5	Styrene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
108-88-3	Toluene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.7	13	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	40	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.7	27	1	EPA SW846-8260B	03/15/2013 17:11	03/16/2013 05:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.5 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.1 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*91.3 %*	*84-117*

Semi-Volatiles, 8270 Target List

Log-in Notes: VOA-CO] **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	**147**	J	ug/kg dry	121	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	161	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
62-53-3	Aniline	ND		ug/kg dry	191	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
120-12-7	Anthracene	**305**	J	ug/kg dry	183	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
56-55-3	Benzo(a)anthracene	**406**		ug/kg dry	125	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
50-32-8	Benzo(a)pyrene	**653**		ug/kg dry	133	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
205-99-2	Benzo(b)fluoranthene	**448**		ug/kg dry	280	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
191-24-2	Benzo(g,h,i)perylene	**400**		ug/kg dry	111	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	335	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
207-08-9	Benzo(k)fluoranthene	**382**		ug/kg dry	335	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	185	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	161	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	226	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	87.0	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	115	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	171	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List **Log-in Notes:** **VOA-CO]** **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
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	118	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	231	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	181	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	110	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	196	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
218-01-9	Chrysene	**453**		ug/kg dry	154	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
53-70-3	Dibenzo(a,h)anthracene	**135**	J	ug/kg dry	135	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	156	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	136	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	219	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	206	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	106	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	175	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	273	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	210	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	234	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	149	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	422	669	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	292	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	281	669	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	172	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	148	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	335	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
206-44-0	Fluoranthene	**1150**		ug/kg dry	196	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
86-73-7	Fluorene	**175**	J	ug/kg dry	161	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	197	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	113	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	249	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	95.7	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**315**	J	ug/kg dry	153	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
78-59-1	Isophorone	ND		ug/kg dry	115	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	257	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	127	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	145	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Semi-Volatiles, 8270 Target List

Log-in Notes: **VOA-CO]** **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
91-20-3	Naphthalene	**249**	J	ug/kg dry	82.3	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	333	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	139	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
98-95-3	Nitrobenzene	**278**	J	ug/kg dry	98.4	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	126	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	91.0	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	112	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	137	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	151	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	252	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
85-01-8	Phenanthrene	**1370**		ug/kg dry	175	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
108-95-2	Phenol	ND		ug/kg dry	145	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
129-00-0	Pyrene	**1070**		ug/kg dry	137	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
110-86-1	Pyridine	ND		ug/kg dry	235	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	121	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	260	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	170	335	1	EPA SW-846 8270C	03/12/2013 10:24	03/13/2013 10:55	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*90.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*88.9 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*69.7 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*98.0 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*71.1 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*90.3 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
8001-35-2	Toxaphene	ND		ug/kg dry	112	112	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.0	11.0	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
72-20-8	Endrin	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **VOA-CO]** **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
33213-65-9	Endosulfan II	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.83	8.83	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
309-00-2	Aldrin	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.21	2.21	5	EPA SW 846-8081/8082	03/12/2013 14:32	03/14/2013 19:40	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	22.8	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.10	22.8	1	EPA SW 846-8081/8082	03/12/2013 14:32	03/13/2013 19:37	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*29.9 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.6 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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	**7520**		mg/kg dry	1.37	2.68	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-36-0	Antimony	ND		mg/kg dry	0.294	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-38-2	Arsenic	**4.84**		mg/kg dry	0.455	1.34	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-39-3	Barium	**104**		mg/kg dry	0.174	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.134	0.134	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.134	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-70-2	Calcium	**9970**		mg/kg dry	0.054	6.69	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-47-3	Chromium	**13.3**		mg/kg dry	0.161	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-48-4	Cobalt	**6.37**		mg/kg dry	0.107	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-50-8	Copper	**57.5**		mg/kg dry	0.161	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13C0168-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0168	501 Leonard Street	Soil	March 6, 2013 11:00 am	03/06/2013

Metals, Target Analyte

Log-in Notes: **VOA-CO]** **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
7439-89-6	Iron	**20100**		mg/kg dry	0.870	2.68	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7439-92-1	Lead	**341**		mg/kg dry	0.228	0.402	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7439-95-4	Magnesium	**1860**		mg/kg dry	0.602	6.69	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7439-96-5	Manganese	**382**		mg/kg dry	0.147	1.34	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-02-0	Nickel	**15.2**		mg/kg dry	0.174	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-09-7	Potassium	**1070**		mg/kg dry	4.52	13.4	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7782-49-2	Selenium	**2.58**		mg/kg dry	0.669	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-22-4	Silver	ND		mg/kg dry	0.134	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-23-5	Sodium	**244**		mg/kg dry	7.05	13.4	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-28-0	Thallium	ND		mg/kg dry	0.428	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-62-2	Vanadium	**21.9**		mg/kg dry	0.147	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW
7440-66-6	Zinc	**83.3**		mg/kg dry	0.120	0.669	1	EPA SW846-6010B	03/07/2013 15:25	03/08/2013 09:45	MW

Mercury by 7470/7471

Log-in Notes: **VOA-CO]** **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	**0.616**		mg/kg dry	0.126	0.134	1	EPA SW846-7471	03/09/2013 07:58	03/11/2013 15:51	AA

Total Solids

Log-in Notes: **VOA-CO]** **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	**74.7**		%	0.100	0.100	1	SM 2540G	03/10/2013 11:43	03/10/2013 11:43	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BC30314 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-07	MW	03/07/13
13C0168-08	GW-1	03/07/13
13C0168-09	GW-2	03/07/13
13C0168-10	GW-3	03/07/13
13C0168-11	Field Blank	03/07/13
13C0168-12	DUP (GW)	03/07/13
BC30314-BLK1	Blank	03/07/13
BC30314-SRM1	Reference	03/07/13
BC30314-SRM2	Reference	03/07/13

Batch ID: BC30317 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-01	SB-2A (0-2')	03/07/13
13C0168-02	SB-2A (5-7')	03/07/13
13C0168-03	SB-3A (0-2')	03/07/13
13C0168-04	SB-3A (5-7')	03/07/13
13C0168-05	SB-4 (0-2')	03/07/13
13C0168-06	SB-4 (5-7')	03/07/13
13C0168-13	DUP (Soil)	03/07/13
BC30317-BLK1	Blank	03/07/13
BC30317-SRM1	Reference	03/07/13

Batch ID: BC30326 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-08	GW-1	03/08/13
13C0168-09	GW-2	03/08/13
13C0168-10	GW-3	03/08/13
13C0168-11	Field Blank	03/08/13
13C0168-12	DUP (GW)	03/08/13
BC30326-BLK1	Blank	03/08/13
BC30326-BS1	LCS	03/08/13
BC30326-BSD1	LCS Dup	03/08/13

Batch ID: BC30327 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-08	GW-1	03/08/13
13C0168-09	GW-2	03/08/13
13C0168-10	GW-3	03/08/13
13C0168-11	Field Blank	03/08/13
13C0168-12	DUP (GW)	03/08/13
BC30327-BLK1	Blank	03/08/13
BC30327-BS2	LCS	03/08/13
BC30327-BSD2	LCS Dup	03/08/13

YORK
ANALYTICAL LABORATORIES, INC.

Batch ID: BC30391 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-01	SB-2A (0-2')	03/09/13
13C0168-02	SB-2A (5-7')	03/09/13
13C0168-03	SB-3A (0-2')	03/09/13
13C0168-04	SB-3A (5-7')	03/09/13
13C0168-05	SB-4 (0-2')	03/09/13
13C0168-06	SB-4 (5-7')	03/09/13
13C0168-13	DUP (Soil)	03/09/13
BC30391-BLK1	Blank	03/09/13
BC30391-BS1	LCS	03/09/13

Batch ID: BC30407 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-01	SB-2A (0-2')	03/10/13
13C0168-02	SB-2A (5-7')	03/10/13
13C0168-03	SB-3A (0-2')	03/10/13
13C0168-04	SB-3A (5-7')	03/10/13
13C0168-05	SB-4 (0-2')	03/10/13
13C0168-06	SB-4 (5-7')	03/10/13
13C0168-13	DUP (Soil)	03/10/13

Batch ID: BC30457 **Preparation Method:** EPA 3550B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-01	SB-2A (0-2')	03/11/13
13C0168-02	SB-2A (5-7')	03/11/13
13C0168-03	SB-3A (0-2')	03/11/13
13C0168-04	SB-3A (5-7')	03/11/13
13C0168-05	SB-4 (0-2')	03/11/13
13C0168-06	SB-4 (5-7')	03/11/13
BC30457-BLK1	Blank	03/11/13
BC30457-BS1	LCS	03/11/13
BC30457-MS1	Matrix Spike	03/11/13
BC30457-MSD1	Matrix Spike Dup	03/11/13

Batch ID: BC30478 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-07	MW	03/12/13
13C0168-08	GW-1	03/12/13
13C0168-09	GW-2	03/12/13
13C0168-10	GW-3	03/12/13
13C0168-11	Field Blank	03/12/13
13C0168-12	DUP (GW)	03/12/13
BC30478-BLK1	Blank	03/12/13
BC30478-BS1	LCS	03/12/13

YORK
ANALYTICAL LABORATORIES, INC.

Batch ID: BC30479 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-07	MW	03/12/13
13C0168-08	GW-1	03/12/13
13C0168-09	GW-2	03/12/13
13C0168-10	GW-3	03/12/13
13C0168-12	DUP (GW)	03/12/13
BC30479-BLK1	Blank	03/12/13
BC30479-BS1	LCS	03/12/13

Batch ID: BC30551 **Preparation Method:** EPA 3550B **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-13	DUP (Soil)	03/12/13
BC30551-BLK1	Blank	03/12/13
BC30551-BS1	LCS	03/12/13

Batch ID: BC30566 **Preparation Method:** EPA 3550B **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-01	SB-2A (0-2')	03/12/13
13C0168-02	SB-2A (5-7')	03/12/13
13C0168-03	SB-3A (0-2')	03/12/13
13C0168-04	SB-3A (5-7')	03/12/13
13C0168-05	SB-4 (0-2')	03/12/13
13C0168-06	SB-4 (5-7')	03/12/13
13C0168-13	DUP (Soil)	03/12/13
BC30566-BLK1	Blank	03/12/13
BC30566-BS1	LCS	03/12/13
BC30566-BS2	LCS	03/12/13

Batch ID: BC30714 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-08	GW-1	03/14/13
13C0168-09	GW-2	03/14/13
13C0168-10	GW-3	03/14/13
13C0168-11	Field Blank	03/14/13
13C0168-12	DUP (GW)	03/14/13
BC30714-BLK1	Blank	03/14/13
BC30714-BS1	LCS	03/14/13
BC30714-BSD1	LCS Dup	03/14/13

Batch ID: BC30774 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-01	SB-2A (0-2')	03/15/13
13C0168-02	SB-2A (5-7')	03/15/13
13C0168-04	SB-3A (5-7')	03/15/13
13C0168-05	SB-4 (0-2')	03/15/13

13C0168-06	SB-4 (5-7')	03/15/13
13C0168-13	DUP (Soil)	03/15/13
BC30774-BLK1	Blank	03/15/13
BC30774-BS1	LCS	03/15/13
BC30774-BSD1	LCS Dup	03/15/13

Batch ID: BC30835 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0168-03	SB-3A (0-2')	03/17/13
BC30835-BLK1	Blank	03/17/13
BC30835-BS1	LCS	03/17/13
BC30835-BSD1	LCS Dup	03/17/13

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30714 - EPA 5030B											
Blank (BC30714-BLK1)											Prepared & Analyzed: 03/14/2013
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	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-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30714 - EPA 5030B											
Blank (BC30714-BLK1)								Prepared & Analyzed: 03/14/2013			
Styrene	ND	5.0	ug/L								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	10	"								
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*63.5-145*				
Surrogate: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*81.2-127*				
LCS (BC30714-BS1)								Prepared & Analyzed: 03/14/2013			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		95.7	82.3-130				
1,1,1-Trichloroethane	47		"	50.0		93.1	75.6-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42		"	50.0		85.0	71.1-129				
1,1,2-Trichloroethane	50		"	50.0		99.3	74.5-129				
1,1-Dichloroethane	50		"	50.0		99.9	79.6-132				
1,1-Dichloroethylene	44		"	50.0		87.8	80.2-146				
1,1-Dichloropropylene	45		"	50.0		90.6	75-136				
1,2,3-Trichlorobenzene	47		"	50.0		93.6	66.1-136				
1,2,3-Trichloropropane	52		"	50.0		104	63-131				
1,2,4-Trichlorobenzene	46		"	50.0		92.3	70.6-136				
1,2,4-Trimethylbenzene	49		"	50.0		98.3	75.3-135				
1,2-Dibromo-3-chloropropane	61		"	50.0		123	58.9-140				
1,2-Dibromoethane	49		"	50.0		98.2	79-130				
1,2-Dichlorobenzene	51		"	50.0		101	76.1-122				
1,2-Dichloroethane	49		"	50.0		97.4	74.6-132				
1,2-Dichloropropane	50		"	50.0		100	76.9-129				
1,3,5-Trimethylbenzene	50		"	50.0		99.4	70.6-127				
1,3-Dichlorobenzene	49		"	50.0		98.1	77-124				
1,3-Dichloropropane	50		"	50.0		99.3	75.8-126				
1,4-Dichlorobenzene	50		"	50.0		99.7	76.6-125				
2,2-Dichloropropane	46		"	50.0		92.8	69-133				
2-Butanone	49		"	50.0		97.2	70-130				
2-Chlorotoluene	50		"	50.0		99.7	66.3-119				
4-Chlorotoluene	51		"	50.0		101	69.2-127				
Acetone	31		"	50.0		62.5	70-130	Low Bias			
Benzene	49		"	50.0		98.2	76.2-129				
Bromobenzene	51		"	50.0		102	71.3-123				
Bromochloromethane	51		"	50.0		101	70.8-137				
Bromodichloromethane	50		"	50.0		99.9	79.7-134				
Bromoform	51		"	50.0		102	70.5-141				
Bromomethane	46		"	50.0		92.9	43.9-147				
Carbon tetrachloride	47		"	50.0		94.9	78.1-138				
Chlorobenzene	49		"	50.0		97.5	80.4-125				
Chloroethane	48		"	50.0		96.5	55.8-140				
Chloroform	50		"	50.0		99.6	76.6-133				
Chloromethane	47		"	50.0		94.6	48.8-115				
cis-1,2-Dichloroethylene	49		"	50.0		97.4	75.1-128				

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30714 - EPA 5030B											
LCS (BC30714-BS1)							Prepared & Analyzed: 03/14/2013				
cis-1,3-Dichloropropylene	51		ug/L	50.0		102	74.5-128				
Dibromochloromethane	50		"	50.0		99.9	79.8-134				
Dibromomethane	50		"	50.0		100	79-130				
Dichlorodifluoromethane	46		"	50.0		92.9	47.1-101				
Ethyl Benzene	51		"	50.0		102	80.8-128				
Hexachlorobutadiene	46		"	50.0		93.0	64.8-128				
Isopropylbenzene	49		"	50.0		98.6	75.5-135				
Methyl tert-butyl ether (MTBE)	38		"	50.0		75.9	65.1-140				
Methylene chloride	44		"	50.0		87.3	61.3-120				
Naphthalene	49		"	50.0		97.4	62.3-148				
n-Butylbenzene	48		"	50.0		95.7	67.2-123				
n-Propylbenzene	51		"	50.0		101	70.5-127				
o-Xylene	50		"	50.0		99.1	75.9-122				
p- & m- Xylenes	100		"	100		99.9	77.7-127				
p-Isopropyltoluene	49		"	50.0		98.2	75.6-129				
sec-Butylbenzene	51		"	50.0		101	71.5-125				
Styrene	52		"	50.0		104	77.8-123				
tert-Butylbenzene	50		"	50.0		100	75.9-151				
Tetrachloroethylene	48		"	50.0		95.9	63.6-167				
Toluene	50		"	50.0		100	77-123				
trans-1,2-Dichloroethylene	44		"	50.0		87.3	76.3-139				
trans-1,3-Dichloropropylene	50		"	50.0		99.4	72.5-137				
Trichloroethylene	49		"	50.0		98.2	77.9-130				
Trichlorofluoromethane	46		"	50.0		91.9	57.4-133				
Vinyl Chloride	45		"	50.0		89.2	54.9-124				
Vinyl acetate	36		"	50.0		71.3	70-130				
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30714 - EPA 5030B											
LCS Dup (BC30714-BSD1)								Prepared & Analyzed: 03/14/2013			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	82.3-130		5.56	21.1	
1,1,1-Trichloroethane	44		"	50.0		88.4	75.6-137		5.14	19.7	
1,1,2,2-Tetrachloroethane	56		"	50.0		112	71.3-131		4.98	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0		80.6	71.1-129		5.34	21.7	
1,1,2-Trichloroethane	54		"	50.0		108	74.5-129		8.47	20.3	
1,1-Dichloroethane	48		"	50.0		95.6	79.6-132		4.38	20.6	
1,1-Dichloroethylene	42		"	50.0		83.7	80.2-146		4.71	20	
1,1-Dichloropropylene	43		"	50.0		86.3	75-136		4.89	19.3	
1,2,3-Trichlorobenzene	47		"	50.0		94.3	66.1-136		0.745	21.6	
1,2,3-Trichloropropane	53		"	50.0		107	63-131		2.66	23.9	
1,2,4-Trichlorobenzene	45		"	50.0		90.4	70.6-136		2.04	21.7	
1,2,4-Trimethylbenzene	48		"	50.0		96.0	75.3-135		2.33	18.8	
1,2-Dibromo-3-chloropropane	66		"	50.0		132	58.9-140		6.91	27.7	
1,2-Dibromoethane	52		"	50.0		103	79-130		4.98	23	
1,2-Dichlorobenzene	52		"	50.0		103	76.1-122		1.82	19.8	
1,2-Dichloroethane	48		"	50.0		95.5	74.6-132		1.99	20.2	
1,2-Dichloropropane	51		"	50.0		103	76.9-129		2.39	20.7	
1,3,5-Trimethylbenzene	50		"	50.0		99.2	70.6-127		0.121	18.9	
1,3-Dichlorobenzene	48		"	50.0		96.4	77-124		1.73	19.2	
1,3-Dichloropropane	52		"	50.0		104	75.8-126		4.53	22.1	
1,4-Dichlorobenzene	49		"	50.0		98.6	76.6-125		1.09	18.6	
2,2-Dichloropropane	39		"	50.0		77.7	69-133		17.7	19.8	
2-Butanone	46		"	50.0		92.8	70-130		4.72	30	
2-Chlorotoluene	49		"	50.0		98.5	66.3-119		1.25	21.6	
4-Chlorotoluene	49		"	50.0		98.3	69.2-127		2.89	19	
Acetone	34		"	50.0		67.4	70-130	Low Bias	7.48	30	
Benzene	46		"	50.0		92.4	76.2-129		6.13	19	
Bromobenzene	52		"	50.0		105	71.3-123		2.15	20.3	
Bromochloromethane	50		"	50.0		99.3	70.8-137		2.07	23.9	
Bromodichloromethane	51		"	50.0		102	79.7-134		2.53	21	
Bromoform	54		"	50.0		107	70.5-141		5.18	21.8	
Bromomethane	39		"	50.0		77.8	43.9-147		17.7	28.4	
Carbon tetrachloride	45		"	50.0		89.4	78.1-138		5.99	20.1	
Chlorobenzene	50		"	50.0		100	80.4-125		2.97	19.9	
Chloroethane	45		"	50.0		89.7	55.8-140		7.37	23.3	
Chloroform	48		"	50.0		95.2	76.6-133		4.60	20.3	
Chloromethane	44		"	50.0		88.0	48.8-115		7.23	24.5	
cis-1,2-Dichloroethylene	46		"	50.0		92.9	75.1-128		4.71	20.5	
cis-1,3-Dichloropropylene	51		"	50.0		103	74.5-128		1.23	19.9	
Dibromochloromethane	53		"	50.0		105	79.8-134		5.13	21.3	
Dibromomethane	51		"	50.0		103	79-130		2.31	22.4	
Dichlorodifluoromethane	40		"	50.0		79.8	47.1-101		15.2	23.9	
Ethyl Benzene	52		"	50.0		103	80.8-128		0.584	19.2	
Hexachlorobutadiene	44		"	50.0		87.5	64.8-128		6.09	20.6	
Isopropylbenzene	49		"	50.0		97.2	75.5-135		1.43	20	
Methyl tert-butyl ether (MTBE)	37		"	50.0		74.5	65.1-140		1.92	23.6	
Methylene chloride	42		"	50.0		84.2	61.3-120		3.59	20.4	
Naphthalene	51		"	50.0		102	62.3-148		5.02	27.1	
n-Butylbenzene	46		"	50.0		91.6	67.2-123		4.31	19.1	
n-Propylbenzene	49		"	50.0		98.9	70.5-127		2.30	23.4	
o-Xylene	50		"	50.0		100	75.9-122		1.36	19.3	
p- & m- Xylenes	99		"	100		99.4	77.7-127		0.502	18.6	
p-Isopropyltoluene	48		"	50.0		95.6	75.6-129		2.64	19.1	
sec-Butylbenzene	50		"	50.0		99.7	71.5-125		1.61	18.9	

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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 BC30714 - EPA 5030B											
LCS Dup (BC30714-BSD1)								Prepared & Analyzed: 03/14/2013			
Styrene	53		ug/L	50.0		106	77.8-123		1.85	20.9	
tert-Butylbenzene	49		"	50.0		97.6	75.9-151		2.51	20.9	
Tetrachloroethylene	52		"	50.0		104	63.6-167		7.81	27.7	
Toluene	50		"	50.0		99.7	77-123		0.400	18.7	
trans-1,2-Dichloroethylene	42		"	50.0		84.1	76.3-139		3.78	19.5	
trans-1,3-Dichloropropylene	50		"	50.0		99.4	72.5-137		0.0201	19.3	
Trichloroethylene	50		"	50.0		99.5	77.9-130		1.27	20.5	
Trichlorofluoromethane	43		"	50.0		86.7	57.4-133		5.87	21.4	
Vinyl Chloride	41		"	50.0		82.7	54.9-124		7.63	22.3	
Vinyl acetate	34		"	50.0		67.4	70-130	Low Bias	5.68	30	
Surrogate: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*63.5-145*				
Surrogate: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*81.2-127*				
Batch BC30774 - EPA 5035A											
Blank (BC30774-BLK1)								Prepared & Analyzed: 03/15/2013			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	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-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	50	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								

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ANALYTICAL LABORATORIES, INC.

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 BC30774 - EPA 5035A											
Blank (BC30774-BLK1)								Prepared & Analyzed: 03/15/2013			
Chloromethane	ND	5.0	ug/kg wet								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	10	"								
Surrogate: 1,2-Dichloroethane-d4	*45.4*		*ug/L*	*50.0*		*90.8*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.3*	*72-127*				
Surrogate: Toluene-d8	*45.7*		*"*	*50.0*		*91.4*	*84-117*				

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

York Analytical Laboratories, Inc.

Batch BC30774 - EPA 5035A

LCS (BC30774-BS1) Prepared & Analyzed: 03/15/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.4	72-132				
1,1,1-Trichloroethane	47		"	50.0		94.6	77-131				
1,1,2,2-Tetrachloroethane	43		"	50.0		86.5	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	75-143				
1,1,2-Trichloroethane	47		"	50.0		94.3	72-128				
1,1-Dichloroethane	52		"	50.0		104	78-133				
1,1-Dichloroethylene	42		"	50.0		84.9	71-142				
1,1-Dichloropropylene	47		"	50.0		94.7	77-124				
1,2,3-Trichlorobenzene	50		"	50.0		99.9	65-134				
1,2,3-Trichloropropane	45		"	50.0		90.1	65-127				
1,2,4-Trichlorobenzene	48		"	50.0		95.1	59-133				
1,2,4-Trimethylbenzene	43		"	50.0		86.5	68-128				
1,2-Dibromo-3-chloropropane	35		"	50.0		69.9	58-145				
1,2-Dibromoethane	47		"	50.0		94.7	73-128				
1,2-Dichlorobenzene	45		"	50.0		89.8	69-126				
1,2-Dichloroethane	50		"	50.0		99.6	78-131				
1,2-Dichloropropane	47		"	50.0		93.3	72-129				
1,3,5-Trimethylbenzene	44		"	50.0		88.3	67-125				
1,3-Dichlorobenzene	45		"	50.0		89.3	67-125				
1,3-Dichloropropane	45		"	50.0		89.3	73-126				
1,4-Dichlorobenzene	44		"	50.0		88.3	67-127				
1,4-Dioxane	37		"	50.0		74.5	10-265				
2,2-Dichloropropane	43		"	50.0		86.7	68-133				
2-Butanone	48		"	50.0		95.9	49-138				
2-Chlorotoluene	40		"	50.0		80.1	61-121				
4-Chlorotoluene	42		"	50.0		83.4	65-126				
Acetone	34		"	50.0		67.0	21-131				
Benzene	54		"	50.0		107	81-125				
Bromobenzene	41		"	50.0		82.9	65-125				
Bromochloromethane	50		"	50.0		99.9	78-127				
Bromodichloromethane	45		"	50.0		90.2	73-131				
Bromoform	46		"	50.0		92.8	66-137				
Bromomethane	46		"	50.0		91.0	55-144				
Carbon tetrachloride	51		"	50.0		102	74-137				
Chlorobenzene	47		"	50.0		93.2	75-127				
Chloroethane	49		"	50.0		97.8	65-138				
Chloroform	50		"	50.0		100	82-128				
Chloromethane	41		"	50.0		82.4	51-138				
cis-1,2-Dichloroethylene	56		"	50.0		112	77-130				
cis-1,3-Dichloropropylene	47		"	50.0		94.3	68-123				
Dibromochloromethane	48		"	50.0		96.3	73-136				
Dibromomethane	48		"	50.0		95.9	75-131				
Dichlorodifluoromethane	27		"	50.0		53.4	10-183				
Ethyl Benzene	46		"	50.0		91.2	75-130				
Hexachlorobutadiene	49		"	50.0		97.0	59-130				
Isopropylbenzene	43		"	50.0		86.9	68-135				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	76-136				
Methylene chloride	49		"	50.0		97.5	55-143				
Naphthalene	50		"	50.0		101	65-140				
n-Butylbenzene	41		"	50.0		81.8	63-123				
n-Propylbenzene	43		"	50.0		85.1	65-127				
o-Xylene	44		"	50.0		87.5	71-123				
p- & m- Xylenes	86		"	100		85.5	72-127				
p-Isopropyltoluene	45		"	50.0		89.6	69-128				

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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 BC30774 - EPA 5035A											
LCS (BC30774-BS1)								Prepared & Analyzed: 03/15/2013			
sec-Butylbenzene	46		ug/L	50.0		92.4	69-125				
Styrene	50		"	50.0		101	74-127				
tert-Butylbenzene	42		"	50.0		83.5	59-164				
Tetrachloroethylene	68		"	50.0		137	65-151				
Toluene	45		"	50.0		89.9	72-127				
trans-1,2-Dichloroethylene	48		"	50.0		96.7	73-137				
trans-1,3-Dichloropropylene	43		"	50.0		86.4	67-131				
Trichloroethylene	47		"	50.0		94.2	73-129				
Trichlorofluoromethane	46		"	50.0		91.0	69-136				
Vinyl Chloride	42		"	50.0		83.9	58-132				
Vinyl acetate	29		"	50.0		58.2	10-84				
Surrogate: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.5*	*73-130*				
Surrogate: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.3*	*72-127*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*84-117*				
LCS Dup (BC30774-BSD1)								Prepared & Analyzed: 03/15/2013			
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.5	72-132		2.03	30	
1,1,1-Trichloroethane	50		"	50.0		99.4	77-131		4.99	30	
1,1,2,2-Tetrachloroethane	46		"	50.0		91.3	68-129		5.47	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		109	75-143		1.40	30	
1,1,2-Trichloroethane	47		"	50.0		93.5	72-128		0.852	30	
1,1-Dichloroethane	51		"	50.0		102	78-133		1.72	30	
1,1-Dichloroethylene	43		"	50.0		86.7	71-142		2.07	30	
1,1-Dichloropropylene	47		"	50.0		93.6	77-124		1.17	30	
1,2,3-Trichlorobenzene	53		"	50.0		105	65-134		5.27	30	
1,2,3-Trichloropropane	45		"	50.0		89.8	65-127		0.289	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.2	59-133		2.20	30	
1,2,4-Trimethylbenzene	44		"	50.0		88.4	68-128		2.13	30	
1,2-Dibromo-3-chloropropane	35		"	50.0		70.4	58-145		0.798	30	
1,2-Dibromoethane	50		"	50.0		99.0	73-128		4.46	30	
1,2-Dichlorobenzene	48		"	50.0		95.6	69-126		6.30	30	
1,2-Dichloroethane	49		"	50.0		98.3	78-131		1.23	30	
1,2-Dichloropropane	47		"	50.0		93.3	72-129		0.0214	30	
1,3,5-Trimethylbenzene	44		"	50.0		87.8	67-125		0.568	30	
1,3-Dichlorobenzene	47		"	50.0		93.1	67-125		4.15	30	
1,3-Dichloropropane	45		"	50.0		89.1	73-126		0.135	30	
1,4-Dichlorobenzene	45		"	50.0		89.9	67-127		1.73	30	
1,4-Dioxane	48		"	50.0		96.3	10-265		25.5	30	
2,2-Dichloropropane	42		"	50.0		84.6	68-133		2.55	30	
2-Butanone	51		"	50.0		101	49-138		5.28	30	
2-Chlorotoluene	41		"	50.0		82.5	61-121		2.85	30	
4-Chlorotoluene	42		"	50.0		83.8	65-126		0.455	30	
Acetone	33		"	50.0		66.6	21-131		0.629	30	
Benzene	52		"	50.0		105	81-125		2.02	30	
Bromobenzene	42		"	50.0		84.6	65-125		1.98	30	
Bromochloromethane	51		"	50.0		101	78-127		1.47	30	
Bromodichloromethane	46		"	50.0		92.5	73-131		2.56	30	
Bromoform	49		"	50.0		97.6	66-137		4.98	30	
Bromomethane	43		"	50.0		85.6	55-144		6.16	30	
Carbon tetrachloride	52		"	50.0		103	74-137		1.15	30	
Chlorobenzene	48		"	50.0		96.2	75-127		3.21	30	
Chloroethane	49		"	50.0		98.2	65-138		0.469	30	
Chloroform	53		"	50.0		107	82-128		6.19	30	
Chloromethane	41		"	50.0		81.2	51-138		1.47	30	

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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 BC30774 - EPA 5035A											
LCS Dup (BC30774-BSD1)								Prepared & Analyzed: 03/15/2013			
cis-1,2-Dichloroethylene	56		ug/L	50.0		111	77-130		0.0718	30	
cis-1,3-Dichloropropylene	46		"	50.0		92.1	68-123		2.34	30	
Dibromochloromethane	47		"	50.0		94.3	73-136		2.04	30	
Dibromomethane	49		"	50.0		98.1	75-131		2.29	30	
Dichlorodifluoromethane	25		"	50.0		50.3	10-183		5.98	30	
Ethyl Benzene	46		"	50.0		91.9	75-130		0.808	30	
Hexachlorobutadiene	51		"	50.0		102	59-130		5.20	30	
Isopropylbenzene	45		"	50.0		89.3	68-135		2.79	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		107	76-136		0.357	30	
Methylene chloride	46		"	50.0		91.2	55-143		6.63	30	
Naphthalene	52		"	50.0		105	65-140		3.88	30	
n-Butylbenzene	43		"	50.0		86.4	63-123		5.54	30	
n-Propylbenzene	43		"	50.0		86.2	65-127		1.33	30	
o-Xylene	45		"	50.0		89.9	71-123		2.70	30	
p- & m- Xylenes	89		"	100		89.2	72-127		4.21	30	
p-Isopropyltoluene	47		"	50.0		94.9	69-128		5.79	30	
sec-Butylbenzene	47		"	50.0		93.3	69-125		1.06	30	
Styrene	52		"	50.0		104	74-127		3.34	30	
tert-Butylbenzene	43		"	50.0		86.9	59-164		3.97	30	
Tetrachloroethylene	54		"	50.0		107	65-151		24.4	30	
Toluene	44		"	50.0		87.4	72-127		2.84	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.0	73-137		2.41	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.3	67-131		0.967	30	
Trichloroethylene	46		"	50.0		92.3	73-129		2.02	30	
Trichlorofluoromethane	46		"	50.0		92.2	69-136		1.22	30	
Vinyl Chloride	41		"	50.0		81.3	58-132		3.15	30	
Vinyl acetate	35		"	50.0		69.8	10-84		18.1	30	
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.2*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*72-127*				
Surrogate: Toluene-d8	*45.4*		*"*	*50.0*		*90.8*	*84-117*				

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

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30835 - EPA 5035A											
Blank (BC30835-BLK1)								Prepared & Analyzed: 03/17/2013			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	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-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	50	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	2.8	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								

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

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30835 - EPA 5035A											
Blank (BC30835-BLK1)							Prepared & Analyzed: 03/17/2013				
sec-Butylbenzene	ND	5.0	ug/kg wet								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	10	"								
Surrogate: 1,2-Dichloroethane-d4	*47.0*		*ug/L*	*50.0*		*94.1*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*72-127*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*84-117*				
LCS (BC30835-BS1)							Prepared & Analyzed: 03/17/2013				
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.4	72-132				
1,1,1-Trichloroethane	47		"	50.0		93.1	77-131				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.1	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	75-143				
1,1,2-Trichloroethane	48		"	50.0		95.9	72-128				
1,1-Dichloroethane	51		"	50.0		101	78-133				
1,1-Dichloroethylene	45		"	50.0		90.4	71-142				
1,1-Dichloropropylene	45		"	50.0		90.4	77-124				
1,2,3-Trichlorobenzene	51		"	50.0		103	65-134				
1,2,3-Trichloropropane	45		"	50.0		89.9	65-127				
1,2,4-Trichlorobenzene	51		"	50.0		102	59-133				
1,2,4-Trimethylbenzene	42		"	50.0		85.0	68-128				
1,2-Dibromo-3-chloropropane	38		"	50.0		75.5	58-145				
1,2-Dibromoethane	49		"	50.0		98.4	73-128				
1,2-Dichlorobenzene	46		"	50.0		91.4	69-126				
1,2-Dichloroethane	47		"	50.0		93.7	78-131				
1,2-Dichloropropane	47		"	50.0		94.4	72-129				
1,3,5-Trimethylbenzene	43		"	50.0		85.7	67-125				
1,3-Dichlorobenzene	47		"	50.0		94.6	67-125				
1,3-Dichloropropane	46		"	50.0		92.2	73-126				
1,4-Dichlorobenzene	47		"	50.0		93.2	67-127				
1,4-Dioxane	44		"	50.0		87.5	10-265				
2,2-Dichloropropane	45		"	50.0		90.9	68-133				
2-Butanone	48		"	50.0		95.5	49-138				
2-Chlorotoluene	40		"	50.0		80.6	61-121				
4-Chlorotoluene	43		"	50.0		85.4	65-126				
Acetone	36		"	50.0		71.9	21-131				
Benzene	51		"	50.0		102	81-125				
Bromobenzene	43		"	50.0		85.9	65-125				
Bromochloromethane	47		"	50.0		94.3	78-127				
Bromodichloromethane	47		"	50.0		93.3	73-131				
Bromoform	47		"	50.0		94.7	66-137				
Bromomethane	48		"	50.0		96.7	55-144				
Carbon tetrachloride	49		"	50.0		98.4	74-137				
Chlorobenzene	47		"	50.0		94.8	75-127				
Chloroethane	54		"	50.0		108	65-138				
Chloroform	49		"	50.0		97.2	82-128				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30835 - EPA 5035A											
LCS (BC30835-BS1)							Prepared & Analyzed: 03/17/2013				
Chloromethane	55		ug/L	50.0		109	51-138				
cis-1,2-Dichloroethylene	53		"	50.0		106	77-130				
cis-1,3-Dichloropropylene	47		"	50.0		94.3	68-123				
Dibromochloromethane	48		"	50.0		96.8	73-136				
Dibromomethane	48		"	50.0		95.8	75-131				
Dichlorodifluoromethane	57		"	50.0		115	10-183				
Ethyl Benzene	44		"	50.0		89.0	75-130				
Hexachlorobutadiene	49		"	50.0		98.9	59-130				
Isopropylbenzene	45		"	50.0		89.4	68-135				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	76-136				
Methylene chloride	46		"	50.0		91.3	55-143				
Naphthalene	53		"	50.0		106	65-140				
n-Butylbenzene	43		"	50.0		85.3	63-123				
n-Propylbenzene	43		"	50.0		86.5	65-127				
o-Xylene	43		"	50.0		86.8	71-123				
p- & m- Xylenes	88		"	100		87.7	72-127				
p-Isopropyltoluene	46		"	50.0		92.2	69-128				
sec-Butylbenzene	46		"	50.0		91.4	69-125				
Styrene	50		"	50.0		100	74-127				
tert-Butylbenzene	44		"	50.0		88.0	59-164				
Tetrachloroethylene	47		"	50.0		93.4	65-151				
Toluene	44		"	50.0		87.4	72-127				
trans-1,2-Dichloroethylene	48		"	50.0		95.7	73-137				
trans-1,3-Dichloropropylene	45		"	50.0		90.9	67-131				
Trichloroethylene	47		"	50.0		93.6	73-129				
Trichlorofluoromethane	50		"	50.0		99.6	69-136				
Vinyl Chloride	52		"	50.0		103	58-132				
Vinyl acetate	36		"	50.0		71.5	10-84				
Surrogate: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*72-127*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*84-117*				

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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 BC30835 - EPA 5035A											
LCS Dup (BC30835-BSD1)								Prepared & Analyzed: 03/17/2013			
1,1,1,2-Tetrachloroethane	44		ug/L	50.0		88.4	72-132		4.40	30	
1,1,1-Trichloroethane	44		"	50.0		88.7	77-131		4.86	30	
1,1,2,2-Tetrachloroethane	46		"	50.0		92.8	68-129		0.366	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	75-143		0.484	30	
1,1,2-Trichloroethane	46		"	50.0		92.5	72-128		3.55	30	
1,1-Dichloroethane	48		"	50.0		96.1	78-133		5.29	30	
1,1-Dichloroethylene	44		"	50.0		87.3	71-142		3.49	30	
1,1-Dichloropropylene	45		"	50.0		90.3	77-124		0.155	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	65-134		2.31	30	
1,2,3-Trichloropropane	43		"	50.0		86.6	65-127		3.76	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.7	59-133		3.09	30	
1,2,4-Trimethylbenzene	43		"	50.0		86.8	68-128		2.12	30	
1,2-Dibromo-3-chloropropane	37		"	50.0		74.0	58-145		2.06	30	
1,2-Dibromoethane	46		"	50.0		92.2	73-128		6.50	30	
1,2-Dichlorobenzene	45		"	50.0		90.5	69-126		0.967	30	
1,2-Dichloroethane	48		"	50.0		95.4	78-131		1.71	30	
1,2-Dichloropropane	43		"	50.0		86.3	72-129		8.94	30	
1,3,5-Trimethylbenzene	44		"	50.0		87.8	67-125		2.38	30	
1,3-Dichlorobenzene	45		"	50.0		90.0	67-125		5.07	30	
1,3-Dichloropropane	43		"	50.0		86.5	73-126		6.29	30	
1,4-Dichlorobenzene	46		"	50.0		91.8	67-127		1.43	30	
1,4-Dioxane	43		"	50.0		85.2	10-265		2.64	30	
2,2-Dichloropropane	45		"	50.0		89.4	68-133		1.66	30	
2-Butanone	48		"	50.0		96.2	49-138		0.647	30	
2-Chlorotoluene	40		"	50.0		81.0	61-121		0.421	30	
4-Chlorotoluene	42		"	50.0		84.8	65-126		0.681	30	
Acetone	35		"	50.0		70.2	21-131		2.42	30	
Benzene	50		"	50.0		101	81-125		1.17	30	
Bromobenzene	41		"	50.0		81.9	65-125		4.74	30	
Bromochloromethane	49		"	50.0		98.0	78-127		3.83	30	
Bromodichloromethane	43		"	50.0		85.2	73-131		9.10	30	
Bromoform	46		"	50.0		91.7	66-137		3.24	30	
Bromomethane	50		"	50.0		101	55-144		4.21	30	
Carbon tetrachloride	48		"	50.0		96.7	74-137		1.72	30	
Chlorobenzene	45		"	50.0		89.7	75-127		5.51	30	
Chloroethane	53		"	50.0		105	65-138		2.35	30	
Chloroform	49		"	50.0		97.9	82-128		0.717	30	
Chloromethane	55		"	50.0		110	51-138		0.438	30	
cis-1,2-Dichloroethylene	52		"	50.0		105	77-130		0.986	30	
cis-1,3-Dichloropropylene	45		"	50.0		90.8	68-123		3.76	30	
Dibromochloromethane	45		"	50.0		90.2	73-136		7.10	30	
Dibromomethane	45		"	50.0		89.9	75-131		6.31	30	
Dichlorodifluoromethane	54		"	50.0		109	10-183		5.52	30	
Ethyl Benzene	44		"	50.0		87.3	75-130		1.95	30	
Hexachlorobutadiene	48		"	50.0		96.5	59-130		2.50	30	
Isopropylbenzene	41		"	50.0		81.6	68-135		9.08	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	76-136		0.354	30	
Methylene chloride	48		"	50.0		95.0	55-143		4.02	30	
Naphthalene	51		"	50.0		102	65-140		4.03	30	
n-Butylbenzene	41		"	50.0		82.3	63-123		3.60	30	
n-Propylbenzene	41		"	50.0		81.5	65-127		5.95	30	
o-Xylene	43		"	50.0		85.5	71-123		1.51	30	
p- & m- Xylenes	85		"	100		85.4	72-127		2.76	30	
p-Isopropyltoluene	45		"	50.0		90.3	69-128		2.08	30	

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30835 - EPA 5035A											
LCS Dup (BC30835-BSD1)								Prepared & Analyzed: 03/17/2013			
sec-Butylbenzene	46		ug/L	50.0		92.2	69-125		0.872	30	
Styrene	48		"	50.0		96.9	74-127		3.61	30	
tert-Butylbenzene	44		"	50.0		88.7	59-164		0.770	30	
Tetrachloroethylene	46		"	50.0		91.5	65-151		2.06	30	
Toluene	41		"	50.0		82.3	72-127		6.03	30	
trans-1,2-Dichloroethylene	48		"	50.0		96.5	73-137		0.874	30	
trans-1,3-Dichloropropylene	42		"	50.0		84.0	67-131		7.98	30	
Trichloroethylene	44		"	50.0		88.9	73-129		5.22	30	
Trichlorofluoromethane	50		"	50.0		99.5	69-136		0.100	30	
Vinyl Chloride	52		"	50.0		104	58-132		0.523	30	
Vinyl acetate	34		"	50.0		67.7	10-84		5.52	30	
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*72-127*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.8*	*84-117*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30326 - EPA 3510C											
Blank (BC30326-BLK1)								Prepared & Analyzed: 03/08/2013			
Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	10.0	"								
2,4-Dinitrophenol	ND	10.0	"								
2,6-Dinitrotoluene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30326 - EPA 3510C											
Blank (BC30326-BLK1)								Prepared & Analyzed: 03/08/2013			
2-Nitrophenol	ND	5.00	ug/L								
4-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Phenanthrene	ND	5.00	"								
Phenol	ND	5.00	"								
Pyrene	ND	5.00	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
Surrogate: 2,4,6-Tribromophenol	*61.5*		*"*	*75.0*		*82.0*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*33.7*		*"*	*50.0*		*67.4*	*30-130*				
Surrogate: 2-Fluorophenol	*28.1*		*"*	*75.0*		*37.5*	*15-110*				
Surrogate: Nitrobenzene-d5	*40.0*		*"*	*50.1*		*79.8*	*30-130*				
Surrogate: Phenol-d5	*18.3*		*"*	*75.1*		*24.3*	*10-110*				
Surrogate: Terphenyl-d14	*43.8*		*"*	*50.0*		*87.5*	*30-130*				
LCS (BC30326-BS1)								Prepared & Analyzed: 03/08/2013			
Acenaphthene	34.7	5.00	ug/L	50.0		69.4	30-140				
Acenaphthylene	34.4	5.00	"	50.0		68.9	30-140				
Aniline	28.1	5.00	"	50.0		56.2	30-140				
Anthracene	36.2	5.00	"	50.0		72.3	30-140				
Benzo(a)anthracene	36.7	5.00	"	50.0		73.3	30-140				
Benzo(a)pyrene	44.0	5.00	"	50.0		88.0	30-140				
Benzo(b)fluoranthene	45.2	5.00	"	50.0		90.4	30-140				
Benzyl alcohol	25.8	5.00	"	50.0		51.6	30-130				
Benzo(g,h,i)perylene	20.3	5.00	"	50.0		40.6	30-140				
Benzo(k)fluoranthene	43.8	5.00	"	50.0		87.7	30-140				
Benzyl butyl phthalate	33.8	5.00	"	50.0		67.6	30-140				
4-Bromophenyl phenyl ether	38.1	5.00	"	50.0		76.3	30-140				
4-Chloro-3-methylphenol	34.0	5.00	"	50.0		68.0	30-130				
4-Chloroaniline	41.0	5.00	"	50.0		81.9	30-140				
Bis(2-chloroethoxy)methane	38.9	5.00	"	50.0		77.8	30-140				
Bis(2-chloroethyl)ether	41.0	5.00	"	50.0		82.1	30-140				
Bis(2-chloroisopropyl)ether	48.3	5.00	"	50.0		96.6	30-140				
Bis(2-ethylhexyl)phthalate	31.2	5.00	"	50.0		62.4	30-140				
2-Chloronaphthalene	33.5	5.00	"	50.0		66.9	30-140				
2-Chlorophenol	32.8	5.00	"	50.0		65.6	30-130				
4-Chlorophenyl phenyl ether	35.8	5.00	"	50.0		71.6	30-140				
Chrysene	33.9	5.00	"	50.0		67.8	30-140				
Dibenzo(a,h)anthracene	23.2	5.00	"	50.0		46.4	30-140				
Dibenzofuran	34.5	5.00	"	50.0		69.0	30-140				
Di-n-butyl phthalate	36.3	5.00	"	50.0		72.6	30-140				
1,2-Dichlorobenzene	33.0	5.00	"	50.0		66.1	30-140				
1,3-Dichlorobenzene	29.5	5.00	"	50.0		59.0	30-140				
1,4-Dichlorobenzene	34.4	5.00	"	50.0		68.8	30-140				
3,3'-Dichlorobenzidine	35.2	5.00	"	50.0		70.4	30-140				
2,4-Dichlorophenol	34.0	5.00	"	50.0		67.9	30-130				
Diethyl phthalate	36.1	5.00	"	50.0		72.1	30-140				
2,4-Dimethylphenol	34.2	5.00	"	50.0		68.4	30-130				
Dimethyl phthalate	36.3	5.00	"	50.0		72.7	30-140				

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30326 - EPA 3510C											
LCS (BC30326-BS1)								Prepared & Analyzed: 03/08/2013			
4,6-Dinitro-2-methylphenol	12.4	10.0	ug/L	50.0		24.7	30-130	Low Bias			
2,4-Dinitrophenol	8.23	10.0	"	50.0		16.5	30-130	Low Bias			
2,6-Dinitrotoluene	38.6	5.00	"	50.0		77.1	30-140				
2,4-Dinitrotoluene	36.2	5.00	"	50.0		72.3	30-140				
Di-n-octyl phthalate	42.4	5.00	"	50.0		84.7	30-140				
Fluoranthene	40.4	5.00	"	50.0		80.7	30-140				
Fluorene	35.3	5.00	"	50.0		70.6	30-140				
Hexachlorobenzene	36.1	5.00	"	50.0		72.3	30-140				
Hexachlorobutadiene	31.8	5.00	"	50.0		63.6	30-140				
Hexachlorocyclopentadiene	5.32	5.00	"	50.0		10.6	30-140	Low Bias			
Hexachloroethane	31.1	5.00	"	50.0		62.2	30-140				
Indeno(1,2,3-cd)pyrene	22.5	5.00	"	50.0		45.0	30-140				
Isophorone	41.4	5.00	"	50.0		82.8	30-140				
2-Methylnaphthalene	35.8	5.00	"	50.0		71.6	30-140				
3- & 4-Methylphenols	24.2	5.00	"	50.0		48.5	30-130				
2-Methylphenol	27.9	5.00	"	50.0		55.9	30-130				
Naphthalene	34.6	5.00	"	50.0		69.1	30-140				
4-Nitroaniline	41.4	5.00	"	50.0		82.7	30-140				
3-Nitroaniline	41.6	5.00	"	50.0		83.1	30-140				
2-Nitroaniline	36.7	5.00	"	50.0		73.4	30-140				
Nitrobenzene	39.5	5.00	"	50.0		78.9	30-140				
2-Nitrophenol	33.8	5.00	"	50.0		67.7	30-130				
4-Nitrophenol	13.8	5.00	"	50.0		27.5	30-130	Low Bias			
N-nitroso-di-n-propylamine	45.4	5.00	"	50.0		90.7	30-140				
N-Nitrosodimethylamine	19.5	5.00	"	50.0		39.1	30-140				
N-Nitrosodiphenylamine	41.8	5.00	"	50.0		83.7	30-140				
Pentachlorophenol	36.6	5.00	"	50.0		73.3	30-130				
Phenanthrene	36.0	5.00	"	50.0		72.0	30-140				
Phenol	15.5	5.00	"	50.0		31.0	30-130				
Pyrene	37.4	5.00	"	50.0		74.8	30-140				
Pyridine	13.3	5.00	"	50.0		26.7	30-140	Low Bias			
1,2,4-Trichlorobenzene	31.5	5.00	"	50.0		63.0	30-140				
2,4,6-Trichlorophenol	40.7	5.00	"	50.0		81.4	30-130				
2,4,5-Trichlorophenol	36.2	5.00	"	50.0		72.3	30-130				
Surrogate: 2,4,6-Tribromophenol	*68.3*		*"*	*75.0*		*91.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*35.0*		*"*	*50.0*		*69.9*	*30-130*				
Surrogate: 2-Fluorophenol	*31.4*		*"*	*75.0*		*41.9*	*15-110*				
Surrogate: Nitrobenzene-d5	*43.0*		*"*	*50.1*		*85.8*	*30-130*				
Surrogate: Phenol-d5	*21.4*		*"*	*75.1*		*28.5*	*10-110*				
Surrogate: Terphenyl-d14	*43.6*		*"*	*50.0*		*87.3*	*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 BC30326 - EPA 3510C											
LCS Dup (BC30326-BSD1)								Prepared & Analyzed: 03/08/2013			
Acenaphthene	34.9	5.00	ug/L	50.0		69.7	30-140		0.546	20	
Acenaphthylene	35.0	5.00	"	50.0		70.0	30-140		1.61	20	
Aniline	27.1	5.00	"	50.0		54.2	30-140		3.52	20	
Anthracene	36.8	5.00	"	50.0		73.6	30-140		1.73	20	
Benzo(a)anthracene	37.7	5.00	"	50.0		75.3	30-140		2.66	20	
Benzo(a)pyrene	45.6	5.00	"	50.0		91.2	30-140		3.57	20	
Benzo(b)fluoranthene	46.3	5.00	"	50.0		92.6	30-140		2.47	20	
Benzyl alcohol	24.8	5.00	"	50.0		49.7	30-130		3.75	20	
Benzo(g,h,i)perylene	21.7	5.00	"	50.0		43.4	30-140		6.67	20	
Benzo(k)fluoranthene	45.2	5.00	"	50.0		90.5	30-140		3.17	20	
Benzyl butyl phthalate	34.5	5.00	"	50.0		69.0	30-140		2.02	20	
4-Bromophenyl phenyl ether	38.8	5.00	"	50.0		77.6	30-140		1.72	20	
4-Chloro-3-methylphenol	33.4	5.00	"	50.0		66.7	30-130		1.93	20	
4-Chloroaniline	41.7	5.00	"	50.0		83.4	30-140		1.81	20	
Bis(2-chloroethoxy)methane	38.7	5.00	"	50.0		77.3	30-140		0.670	20	
Bis(2-chloroethyl)ether	39.9	5.00	"	50.0		79.8	30-140		2.82	20	
Bis(2-chloroisopropyl)ether	46.7	5.00	"	50.0		93.4	30-140		3.33	20	
Bis(2-ethylhexyl)phthalate	49.0	5.00	"	50.0		98.0	30-140		44.4	20	Non-dir.
2-Chloronaphthalene	34.5	5.00	"	50.0		69.1	30-140		3.12	20	
2-Chlorophenol	31.8	5.00	"	50.0		63.7	30-130		2.97	20	
4-Chlorophenyl phenyl ether	36.4	5.00	"	50.0		72.9	30-140		1.74	20	
Chrysene	33.4	5.00	"	50.0		66.7	30-140		1.67	20	
Dibenzo(a,h)anthracene	24.0	5.00	"	50.0		48.0	30-140		3.43	20	
Dibenzofuran	35.3	5.00	"	50.0		70.6	30-140		2.29	20	
Di-n-butyl phthalate	37.7	5.00	"	50.0		75.5	30-140		3.83	20	
1,3-Dichlorobenzene	29.2	5.00	"	50.0		58.4	30-140		1.09	20	
1,2-Dichlorobenzene	32.3	5.00	"	50.0		64.6	30-140		2.30	20	
1,4-Dichlorobenzene	34.0	5.00	"	50.0		67.9	30-140		1.26	20	
3,3'-Dichlorobenzidine	37.2	5.00	"	50.0		74.4	30-140		5.53	20	
2,4-Dichlorophenol	34.0	5.00	"	50.0		68.0	30-130		0.147	20	
Diethyl phthalate	37.8	5.00	"	50.0		75.6	30-140		4.74	20	
2,4-Dimethylphenol	33.9	5.00	"	50.0		67.8	30-130		0.881	20	
Dimethyl phthalate	37.6	5.00	"	50.0		75.3	30-140		3.52	20	
4,6-Dinitro-2-methylphenol	19.7	10.0	"	50.0		39.4	30-130		45.6	20	Non-dir.
2,4-Dinitrophenol	15.5	10.0	"	50.0		31.0	30-130		61.4	20	Non-dir.
2,6-Dinitrotoluene	40.1	5.00	"	50.0		80.2	30-140		3.97	20	
2,4-Dinitrotoluene	38.4	5.00	"	50.0		76.8	30-140		6.04	20	
Di-n-octyl phthalate	42.3	5.00	"	50.0		84.6	30-140		0.0945	20	
Fluoranthene	42.0	5.00	"	50.0		83.9	30-140		3.91	20	
Fluorene	35.8	5.00	"	50.0		71.7	30-140		1.49	20	
Hexachlorobenzene	36.3	5.00	"	50.0		72.5	30-140		0.387	20	
Hexachlorobutadiene	32.0	5.00	"	50.0		63.9	30-140		0.533	20	
Hexachlorocyclopentadiene	7.57	5.00	"	50.0		15.1	30-140	Low Bias	34.9	20	Non-dir.
Hexachloroethane	30.5	5.00	"	50.0		61.1	30-140		1.91	20	
Indeno(1,2,3-cd)pyrene	23.6	5.00	"	50.0		47.1	30-140		4.73	20	
Isophorone	41.1	5.00	"	50.0		82.2	30-140		0.751	20	
2-Methylnaphthalene	35.3	5.00	"	50.0		70.6	30-140		1.44	20	
3- & 4-Methylphenols	23.5	5.00	"	50.0		47.0	30-130		3.02	20	
2-Methylphenol	27.5	5.00	"	50.0		55.1	30-130		1.44	20	
Naphthalene	34.1	5.00	"	50.0		68.2	30-140		1.37	20	
4-Nitroaniline	46.1	5.00	"	50.0		92.1	30-140		10.8	20	
3-Nitroaniline	43.2	5.00	"	50.0		86.4	30-140		3.89	20	
2-Nitroaniline	38.3	5.00	"	50.0		76.6	30-140		4.19	20	
Nitrobenzene	38.8	5.00	"	50.0		77.6	30-140		1.71	20	

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30326 - EPA 3510C											
LCS Dup (BC30326-BSD1)								Prepared & Analyzed: 03/08/2013			
2-Nitrophenol	34.1	5.00	ug/L	50.0		68.2	30-130		0.766	20	
4-Nitrophenol	14.2	5.00	"	50.0		28.5	30-130	Low Bias	3.43	20	
N-nitroso-di-n-propylamine	44.5	5.00	"	50.0		89.1	30-140		1.85	20	
N-Nitrosodimethylamine	20.9	5.00	"	50.0		41.8	30-140		6.73	20	
N-Nitrosodiphenylamine	42.4	5.00	"	50.0		84.8	30-140		1.38	20	
Pentachlorophenol	38.4	5.00	"	50.0		76.9	30-130		4.82	20	
Phenanthrene	36.8	5.00	"	50.0		73.6	30-140		2.25	20	
Phenol	11.2	5.00	"	50.0		22.4	30-130	Low Bias	32.4	20	Non-dir.
Pyrene	37.7	5.00	"	50.0		75.5	30-140		0.905	20	
Pyridine	11.8	5.00	"	50.0		23.6	30-140	Low Bias	12.3	20	
1,2,4-Trichlorobenzene	31.2	5.00	"	50.0		62.5	30-140		0.797	20	
2,4,6-Trichlorophenol	42.0	5.00	"	50.0		84.1	30-130		3.22	20	
2,4,5-Trichlorophenol	36.9	5.00	"	50.0		73.7	30-130		1.94	20	
Surrogate: 2,4,6-Tribromophenol	*69.6*		*"*	*75.0*		*92.8*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*36.2*		*"*	*50.0*		*72.3*	*30-130*				
Surrogate: 2-Fluorophenol	*30.2*		*"*	*75.0*		*40.3*	*15-110*				
Surrogate: Nitrobenzene-d5	*42.6*		*"*	*50.1*		*85.1*	*30-130*				
Surrogate: Phenol-d5	*20.2*		*"*	*75.1*		*26.9*	*10-110*				
Surrogate: Terphenyl-d14	*45.1*		*"*	*50.0*		*90.2*	*30-130*				
Batch BC30457 - EPA 3550B											
Blank (BC30457-BLK1)								Prepared: 03/11/2013 Analyzed: 03/13/2013			
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
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	"								

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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 BC30457 - EPA 3550B											
Blank (BC30457-BLK1)									Prepared: 03/11/2013 Analyzed: 03/13/2013		
2,4-Dimethylphenol	ND	167	ug/kg wet								
Dimethyl phthalate	ND	167	"								
2-Nitroaniline	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	333	"								
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	"								
3-Nitroaniline	ND	167	"								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
4-Nitrophenol	ND	167	"								
2-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
Surrogate: 2,4,6-Tribromophenol	*1340*		*"*	*2500*		*53.7*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*798*		*"*	*1670*		*47.9*	*30-130*				
Surrogate: 2-Fluorophenol	*1240*		*"*	*2500*		*49.6*	*15-110*				
Surrogate: Nitrobenzene-d5	*740*		*"*	*1670*		*44.3*	*30-130*				
Surrogate: Phenol-d5	*1240*		*"*	*2500*		*49.3*	*15-110*				
Surrogate: Terphenyl-d14	*926*		*"*	*1670*		*55.5*	*30-130*				

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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 BC30457 - EPA 3550B											
LCS (BC30457-BS1)								Prepared: 03/11/2013 Analyzed: 03/13/2013			
Acenaphthene	934	167	ug/kg wet	1670		56.0	31.1-109				
Acenaphthylene	908	167	"	1670		54.5	31.1-106				
Aniline	1060	167	"	1670		63.5	5.07-149				
Anthracene	1050	167	"	1670		63.3	31.5-107				
Benzo(a)anthracene	1190	167	"	1670		71.5	31.5-115				
Benzo(a)pyrene	1340	167	"	1670		80.1	29.1-138				
Benzo(b)fluoranthene	1360	167	"	1670		81.3	14.9-131				
Benzo(g,h,i)perylene	1070	167	"	1670		64.0	6.56-121				
Benzyl alcohol	771	167	"	1670		46.3	25.4-119				
Benzo(k)fluoranthene	1450	167	"	1670		87.3	29.1-121				
Benzyl butyl phthalate	1040	167	"	1670		62.4	31.3-112				
4-Bromophenyl phenyl ether	1020	167	"	1670		61.1	25.2-113				
4-Chloro-3-methylphenol	970	167	"	1670		58.2	29.5-124				
4-Chloroaniline	1470	167	"	1670		88.0	10-177				
Bis(2-chloroethoxy)methane	858	167	"	1670		51.5	27.9-111				
Bis(2-chloroethyl)ether	788	167	"	1670		47.3	18-122				
Bis(2-chloroisopropyl)ether	832	167	"	1670		49.9	9.62-123				
Bis(2-ethylhexyl)phthalate	918	167	"	1670		55.1	25-105				
2-Chloronaphthalene	876	167	"	1670		52.6	31.7-108				
2-Chlorophenol	836	167	"	1670		50.2	20.3-125				
4-Chlorophenyl phenyl ether	934	167	"	1670		56.0	23.6-110				
Chrysene	1070	167	"	1670		64.1	27.4-117				
Dibenzo(a,h)anthracene	1100	167	"	1670		66.0	14.6-119				
Dibenzofuran	963	167	"	1670		57.8	30.2-108				
Di-n-butyl phthalate	1070	167	"	1670		64.0	33.5-100				
1,2-Dichlorobenzene	691	167	"	1670		41.5	22.8-114				
1,4-Dichlorobenzene	648	167	"	1670		38.9	19.8-121				
1,3-Dichlorobenzene	689	167	"	1670		41.3	20.6-119				
3,3'-Dichlorobenzidine	1300	167	"	1670		78.3	10-180				
2,4-Dichlorophenol	940	167	"	1670		56.4	23.3-125				
Diethyl phthalate	1040	167	"	1670		62.6	29.7-111				
2,4-Dimethylphenol	837	167	"	1670		50.2	29.8-115				
Dimethyl phthalate	1020	167	"	1670		61.2	27-118				
2-Nitroaniline	1120	167	"	1670		66.9	40-140				
4,6-Dinitro-2-methylphenol	538	333	"	1670		32.3	10-122				
2,4-Dinitrophenol	562	333	"	1670		33.7	10-151				
2,6-Dinitrotoluene	1020	167	"	1670		61.2	26.1-119				
2,4-Dinitrotoluene	1040	167	"	1670		62.4	21.4-126				
Di-n-octyl phthalate	986	167	"	1670		59.1	19-129				
Fluoranthene	1140	167	"	1670		68.4	31.3-110				
Fluorene	1000	167	"	1670		60.2	29.9-108				
Hexachlorobenzene	1030	167	"	1670		61.8	31.7-102				
Hexachlorobutadiene	806	167	"	1670		48.3	10.1-134				
Hexachlorocyclopentadiene	ND	167	"	1670			10-122	Low Bias			
Hexachloroethane	592	167	"	1670		35.5	20.2-114				
Indeno(1,2,3-cd)pyrene	850	167	"	1670		51.0	12.6-120				
Isophorone	893	167	"	1670		53.6	27.2-113				
2-Methylnaphthalene	898	167	"	1670		53.9	17.4-119				
2-Methylphenol	891	167	"	1670		53.4	23.6-125				
3- & 4-Methylphenols	860	167	"	1670		51.6	21.3-115				
Naphthalene	815	167	"	1670		48.9	25.2-111				
3-Nitroaniline	1560	167	"	1670		93.6	9.73-147				
4-Nitroaniline	1600	167	"	1670		95.8	6.42-169				
Nitrobenzene	829	167	"	1670		49.7	21.8-118				

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

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30457 - EPA 3550B											
LCS (BC30457-BS1)								Prepared: 03/11/2013 Analyzed: 03/13/2013			
4-Nitrophenol	ND	167	ug/kg wet	1670			10-136	Low Bias			
2-Nitrophenol	704	167	"	1670		42.2	20.6-119				
N-nitroso-di-n-propylamine	819	167	"	1670		49.1	25.3-118				
N-Nitrosodimethylamine	713	167	"	1670		42.8	10-142				
N-Nitrosodiphenylamine	1230	167	"	1670		74.0	35.8-132				
Pentachlorophenol	1330	167	"	1670		80.0	3.68-146				
Phenanthrene	1100	167	"	1670		65.7	31.2-105				
Phenol	868	167	"	1670		52.1	23.2-117				
Pyrene	1100	167	"	1670		66.2	26.3-124				
Pyridine	439	167	"	1670		26.4	10-122				
1,2,4-Trichlorobenzene	824	167	"	1670		49.4	19.3-128				
2,4,5-Trichlorophenol	992	167	"	1670		59.5	19.5-131				
2,4,6-Trichlorophenol	963	167	"	1670		57.8	24.2-123				
Surrogate: 2,4,6-Tribromophenol	*2920*		*"*	*2500*		*117*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1300*		*"*	*1670*		*78.0*	*30-130*				
Surrogate: 2-Fluorophenol	*2100*		*"*	*2500*		*84.1*	*15-110*				
Surrogate: Nitrobenzene-d5	*1340*		*"*	*1670*		*80.0*	*30-130*				
Surrogate: Phenol-d5	*2110*		*"*	*2500*		*84.4*	*15-110*				
Surrogate: Terphenyl-d14	*1660*		*"*	*1670*		*99.9*	*30-130*				
Matrix Spike (BC30457-MS1)	*Source sample: 13C0168-06 (SB-4 (5-7'))							Prepared: 03/11/2013 Analyzed: 03/13/2013			
Acenaphthene	1540	199	ug/kg dry	1990	192	67.6	31.1-109				
Acenaphthylene	1240	199	"	1990	ND	62.2	31.1-106				
Aniline	1210	199	"	1990	ND	60.9	21-140				
Anthracene	4130	199	"	1990	487	183	31.5-107	High Bias			
Benzo(a)anthracene	2930	199	"	1990	753	109	31.5-115				
Benzo(a)pyrene	2680	199	"	1990	610	104	29.1-138				
Benzo(b)fluoranthene	2270	199	"	1990	548	86.6	14.9-131				
Benzo(g,h,i)perylene	429	199	"	1990	ND	21.5	6.56-121				
Benzyl alcohol	1030	199	"	1990	ND	51.7	25.4-119				
Benzo(k)fluoranthene	2930	199	"	1990	649	115	29.1-121				
Benzyl butyl phthalate	1250	199	"	1990	ND	62.6	31.3-112				
4-Bromophenyl phenyl ether	1270	199	"	1990	ND	63.9	25.2-113				
4-Chloro-3-methylphenol	1320	199	"	1990	ND	66.2	29.5-124				
4-Chloroaniline	1780	199	"	1990	ND	89.4	10-177				
Bis(2-chloroethoxy)methane	1000	199	"	1990	ND	50.3	27.9-111				
Bis(2-chloroethyl)ether	1010	199	"	1990	ND	50.5	18-122				
Bis(2-chloroisopropyl)ether	999	199	"	1990	ND	50.1	9.62-123				
Bis(2-ethylhexyl)phthalate	1050	199	"	1990	ND	52.7	25-105				
2-Chloronaphthalene	1090	199	"	1990	ND	54.7	31.7-108				
2-Chlorophenol	1020	199	"	1990	ND	51.2	20.3-125				
4-Chlorophenyl phenyl ether	1170	199	"	1990	ND	58.9	23.6-110				
Chrysene	2500	199	"	1990	716	89.4	27.4-117				
Dibenzo(a,h)anthracene	573	199	"	1990	ND	28.7	14.6-119				
Dibenzofuran	1500	199	"	1990	116	69.6	30.2-108				
Di-n-butyl phthalate	1130	199	"	1990	ND	56.8	33.5-100				
1,2-Dichlorobenzene	831	199	"	1990	ND	41.7	22.8-114				
1,4-Dichlorobenzene	782	199	"	1990	ND	39.2	19.8-121				
1,3-Dichlorobenzene	814	199	"	1990	ND	40.8	20.6-119				
3,3'-Dichlorobenzidine	1170	199	"	1990	ND	58.6	10-180				
2,4-Dichlorophenol	1200	199	"	1990	ND	60.2	23.3-125				
Diethyl phthalate	1250	199	"	1990	ND	62.6	29.7-111				
2,4-Dimethylphenol	1180	199	"	1990	ND	59.3	29.8-115				
Dimethyl phthalate	1240	199	"	1990	ND	62.2	27-118				

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

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30457 - EPA 3550B											
Matrix Spike (BC30457-MS1)	*Source sample: 13C0168-06 (SB-4 (5-7'))						Prepared: 03/11/2013 Analyzed: 03/13/2013				
2-Nitroaniline	1470	199	ug/kg dry	1990	ND	73.9	40-140				
4,6-Dinitro-2-methylphenol	ND	399	"	1990	ND		10-122	Low Bias			
2,4-Dinitrophenol	ND	399	"	1990	ND		10-151	Low Bias			
2,6-Dinitrotoluene	1160	199	"	1990	ND	58.2	26.1-119				
2,4-Dinitrotoluene	1130	199	"	1990	ND	56.8	21.4-126				
Di-n-octyl phthalate	1460	199	"	1990	ND	73.3	19-129				
Fluoranthene	4030	199	"	1990	1520	126	31.3-110	High Bias			
Fluorene	1710	199	"	1990	249	73.4	29.9-108				
Hexachlorobenzene	1240	199	"	1990	ND	62.2	31.7-102				
Hexachlorobutadiene	925	199	"	1990	ND	46.4	10.1-134				
Hexachlorocyclopentadiene	ND	199	"	1990	ND		10-122	Low Bias			
Hexachloroethane	509	199	"	1990	ND	25.5	20.2-114				
Indeno(1,2,3-cd)pyrene	343	199	"	1990	ND	17.2	12.6-120				
Isophorone	1080	199	"	1990	ND	54.2	27.2-113				
2-Methylnaphthalene	1160	199	"	1990	ND	58.3	17.4-119				
2-Methylphenol	1130	199	"	1990	ND	56.8	23.6-125				
3- & 4-Methylphenols	1160	199	"	1990	ND	58.0	21.3-115				
Naphthalene	1050	199	"	1990	ND	52.4	25.2-111				
3-Nitroaniline	2080	199	"	1990	ND	104	9.73-147				
4-Nitroaniline	2090	199	"	1990	ND	105	6.42-169				
Nitrobenzene	961	199	"	1990	ND	48.2	21.8-118				
4-Nitrophenol	97.7	199	"	1990	ND	4.90	10-136	Low Bias			
2-Nitrophenol	781	199	"	1990	ND	39.1	20.6-119				
N-nitroso-di-n-propylamine	1040	199	"	1990	ND	52.2	25.3-118				
N-Nitrosodimethylamine	912	199	"	1990	ND	45.7	21-140				
N-Nitrosodiphenylamine	1670	199	"	1990	ND	83.7	35.8-132				
Pentachlorophenol	ND	199	"	1990	ND		3.68-146	Low Bias			
Phenanthrene	4290	199	"	1990	1570	136	31.2-105	High Bias			
Phenol	1100	199	"	1990	ND	55.3	23.2-117				
Pyrene	4290	199	"	1990	1480	141	26.3-124	High Bias			
Pyridine	ND	199	"	1990	ND		21-140	Low Bias			
1,2,4-Trichlorobenzene	930	199	"	1990	ND	46.6	19.3-128				
2,4,5-Trichlorophenol	1270	199	"	1990	ND	63.8	19.5-131				
2,4,6-Trichlorophenol	1230	199	"	1990	ND	61.8	24.2-123				
Surrogate: 2,4,6-Tribromophenol	*2720*		*"*	*2990*		*90.8*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1220*		*"*	*1990*		*61.0*	*30-130*				
Surrogate: 2-Fluorophenol	*2030*		*"*	*2990*		*68.0*	*15-110*				
Surrogate: Nitrobenzene-d5	*1180*		*"*	*2000*		*58.9*	*30-130*				
Surrogate: Phenol-d5	*2040*		*"*	*3000*		*68.1*	*15-110*				
Surrogate: Terphenyl-d14	*1630*		*"*	*1990*		*81.5*	*30-130*				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30457 - EPA 3550B											
Matrix Spike Dup (BC30457-MSD1)	*Source sample: 13C0168-06 (SB-4 (5-7'))							Prepared: 03/11/2013 Analyzed: 03/13/2013			
Acenaphthene	1910	199	ug/kg dry	1990	192	86.3	31.1-109		21.6	30	
Acenaphthylene	1550	199	"	1990	ND	77.9	31.1-106		22.3	30	
Aniline	1410	199	"	1990	ND	70.6	21-140		14.8	35	
Anthracene	4660	199	"	1990	487	209	31.5-107	High Bias	12.1	30	
Benzo(a)anthracene	3280	199	"	1990	753	127	31.5-115	High Bias	11.3	30	
Benzo(a)pyrene	3240	199	"	1990	610	132	29.1-138		19.2	30	
Benzo(b)fluoranthene	3400	199	"	1990	548	143	14.9-131	High Bias	39.8	30	Non-dir.
Benzo(g,h,i)perylene	409	199	"	1990	ND	20.5	6.56-121		4.85	30	
Benzyl alcohol	1280	199	"	1990	ND	64.0	25.4-119		21.3	30	
Benzo(k)fluoranthene	4180	199	"	1990	649	177	29.1-121	High Bias	35.0	30	Non-dir.
Benzyl butyl phthalate	1620	199	"	1990	ND	81.1	31.3-112		25.8	30	
4-Bromophenyl phenyl ether	1640	199	"	1990	ND	82.1	25.2-113		24.9	30	
4-Chloro-3-methylphenol	1750	199	"	1990	ND	87.7	29.5-124		28.0	30	
4-Chloroaniline	2230	199	"	1990	ND	112	10-177		22.3	30	
Bis(2-chloroethoxy)methane	1260	199	"	1990	ND	63.0	27.9-111		22.5	30	
Bis(2-chloroethyl)ether	1240	199	"	1990	ND	61.9	18-122		20.3	30	
Bis(2-chloroisopropyl)ether	1240	199	"	1990	ND	62.4	9.62-123		21.9	30	
Bis(2-ethylhexyl)phthalate	1390	199	"	1990	ND	69.7	25-105		27.7	30	
2-Chloronaphthalene	1400	199	"	1990	ND	70.0	31.7-108		24.6	30	
2-Chlorophenol	1240	199	"	1990	ND	62.2	20.3-125		19.3	30	
4-Chlorophenyl phenyl ether	1510	199	"	1990	ND	75.9	23.6-110		25.2	30	
Chrysene	2910	199	"	1990	716	110	27.4-117		15.3	30	
Dibenzo(a,h)anthracene	669	199	"	1990	ND	33.5	14.6-119		15.4	30	
Dibenzofuran	1840	199	"	1990	116	86.6	30.2-108		20.3	30	
Di-n-butyl phthalate	1450	199	"	1990	ND	72.9	33.5-100		24.9	30	
1,2-Dichlorobenzene	1040	199	"	1990	ND	51.9	22.8-114		21.9	30	
1,4-Dichlorobenzene	1000	199	"	1990	ND	50.2	19.8-121		24.6	30	
1,3-Dichlorobenzene	1020	199	"	1990	ND	51.2	20.6-119		22.6	30	
3,3'-Dichlorobenzidine	1540	199	"	1990	ND	77.3	10-180		27.6	30	
2,4-Dichlorophenol	1540	199	"	1990	ND	77.2	23.3-125		24.8	30	
Diethyl phthalate	1650	199	"	1990	ND	82.7	29.7-111		27.7	30	
2,4-Dimethylphenol	1510	199	"	1990	ND	75.8	29.8-115		24.5	30	
Dimethyl phthalate	1600	199	"	1990	ND	80.3	27-118		25.3	30	
4,6-Dinitro-2-methylphenol	ND	399	"	1990	ND		10-122	Low Bias		30	
2-Nitroaniline	1910	199	"	1990	ND	95.7	40-140		25.7	30	
2,4-Dinitrophenol	ND	399	"	1990	ND		10-151	Low Bias		30	
2,6-Dinitrotoluene	1540	199	"	1990	ND	77.2	26.1-119		28.0	30	
2,4-Dinitrotoluene	1510	199	"	1990	ND	75.7	21.4-126		28.5	30	
Di-n-octyl phthalate	1940	199	"	1990	ND	97.3	19-129		28.1	30	
Fluoranthene	4410	199	"	1990	1520	145	31.3-110	High Bias	8.86	30	
Fluorene	2130	199	"	1990	249	94.5	29.9-108		21.9	30	
Hexachlorobenzene	1630	199	"	1990	ND	81.7	31.7-102		27.1	30	
Hexachlorobutadiene	1130	199	"	1990	ND	56.6	10.1-134		19.8	30	
Hexachlorocyclopentadiene	ND	199	"	1990	ND		10-122	Low Bias		30	
Hexachloroethane	564	199	"	1990	ND	28.3	20.2-114		10.3	30	
Indeno(1,2,3-cd)pyrene	678	199	"	1990	ND	34.0	12.6-120		65.5	30	Non-dir.
Isophorone	1360	199	"	1990	ND	68.3	27.2-113		23.0	30	
2-Methylnaphthalene	1480	199	"	1990	ND	74.1	17.4-119		23.8	30	
2-Methylphenol	1410	199	"	1990	ND	70.8	23.6-125		22.0	30	
3- & 4-Methylphenols	1400	199	"	1990	ND	70.1	21.3-115		18.8	30	
Naphthalene	1260	199	"	1990	ND	63.0	25.2-111		18.2	30	
3-Nitroaniline	2840	199	"	1990	ND	143	9.73-147		31.2	30	Non-dir.
4-Nitroaniline	2720	199	"	1990	ND	136	6.42-169		26.3	30	
Nitrobenzene	1170	199	"	1990	ND	58.7	21.8-118		19.7	30	

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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 BC30457 - EPA 3550B											
Matrix Spike Dup (BC30457-MSD1)	*Source sample: 13C0168-06 (SB-4 (5-7'))							Prepared: 03/11/2013 Analyzed: 03/13/2013			
4-Nitrophenol	125	199	ug/kg dry	1990	ND	6.26	10-136	Low Bias	24.4	30	
2-Nitrophenol	1040	199	"	1990	ND	52.0	20.6-119		28.2	30	
N-nitroso-di-n-propylamine	1290	199	"	1990	ND	64.5	25.3-118		21.1	30	
N-Nitrosodimethylamine	1090	199	"	1990	ND	54.6	21-140		17.8	35	
N-Nitrosodiphenylamine	2100	199	"	1990	ND	105	35.8-132		23.0	30	
Pentachlorophenol	2020	199	"	1990	ND	101	3.68-146			30	
Phenanthrene	4850	199	"	1990	1570	164	31.2-105	High Bias	12.1	30	
Phenol	1360	199	"	1990	ND	68.3	23.2-117		21.0	30	
Pyrene	4890	199	"	1990	1480	171	26.3-124	High Bias	13.1	30	
Pyridine	657	199	"	1990	ND	33.0	21-140			35	
1,2,4-Trichlorobenzene	1180	199	"	1990	ND	59.4	19.3-128		24.0	30	
2,4,5-Trichlorophenol	1700	199	"	1990	ND	85.1	19.5-131		28.6	30	
2,4,6-Trichlorophenol	1600	199	"	1990	ND	80.4	24.2-123		26.2	30	
Surrogate: 2,4,6-Tribromophenol	*2570*		*"*	*2990*		*85.9*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1130*		*"*	*1990*		*56.8*	*30-130*				
Surrogate: 2-Fluorophenol	*1750*		*"*	*2990*		*58.6*	*15-110*				
Surrogate: Nitrobenzene-d5	*1030*		*"*	*2000*		*51.6*	*30-130*				
Surrogate: Phenol-d5	*1810*		*"*	*3000*		*60.5*	*15-110*				
Surrogate: Terphenyl-d14	*1570*		*"*	*1990*		*78.8*	*30-130*				
Batch BC30551 - EPA 3550B											
Blank (BC30551-BLK1)								Prepared: 03/12/2013 Analyzed: 03/13/2013			
Acenaphthene	ND	250	ug/kg wet								
Acenaphthylene	ND	250	"								
Aniline	ND	250	"								
Anthracene	ND	250	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzyl alcohol	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Benzyl butyl phthalate	ND	250	"								
4-Bromophenyl phenyl ether	ND	250	"								
4-Chloro-3-methylphenol	ND	250	"								
4-Chloroaniline	ND	250	"								
Bis(2-chloroethoxy)methane	ND	250	"								
Bis(2-chloroethyl)ether	ND	250	"								
Bis(2-chloroisopropyl)ether	ND	250	"								
Bis(2-ethylhexyl)phthalate	ND	250	"								
2-Chloronaphthalene	ND	250	"								
2-Chlorophenol	ND	250	"								
4-Chlorophenyl phenyl ether	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Dibenzofuran	ND	250	"								
Di-n-butyl phthalate	127	250	"								
1,2-Dichlorobenzene	ND	250	"								
1,4-Dichlorobenzene	ND	250	"								
1,3-Dichlorobenzene	ND	250	"								
3,3'-Dichlorobenzidine	ND	250	"								
2,4-Dichlorophenol	ND	250	"								
Diethyl phthalate	ND	250	"								

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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 BC30551 - EPA 3550B											
Blank (BC30551-BLK1)									Prepared: 03/12/2013 Analyzed: 03/13/2013		
2,4-Dimethylphenol	ND	250	ug/kg wet								
Dimethyl phthalate	ND	250	"								
2-Nitroaniline	ND	250	"								
4,6-Dinitro-2-methylphenol	ND	500	"								
2,4-Dinitrophenol	ND	500	"								
2,6-Dinitrotoluene	ND	250	"								
2,4-Dinitrotoluene	ND	250	"								
Di-n-octyl phthalate	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Hexachlorobenzene	ND	250	"								
Hexachlorobutadiene	ND	250	"								
Hexachlorocyclopentadiene	ND	250	"								
Hexachloroethane	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Isophorone	ND	250	"								
2-Methylnaphthalene	ND	250	"								
2-Methylphenol	ND	250	"								
3- & 4-Methylphenols	ND	250	"								
Naphthalene	ND	250	"								
3-Nitroaniline	ND	250	"								
4-Nitroaniline	ND	250	"								
Nitrobenzene	ND	250	"								
4-Nitrophenol	ND	250	"								
2-Nitrophenol	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Pentachlorophenol	ND	250	"								
Phenanthrene	ND	250	"								
Phenol	ND	250	"								
Pyrene	ND	250	"								
Pyridine	ND	250	"								
1,2,4-Trichlorobenzene	ND	250	"								
2,4,5-Trichlorophenol	ND	250	"								
2,4,6-Trichlorophenol	ND	250	"								
Surrogate: 2,4,6-Tribromophenol	*3700*		*"*	*3750*		*98.7*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*2080*		*"*	*2500*		*83.0*	*30-130*				
Surrogate: 2-Fluorophenol	*3030*		*"*	*3750*		*80.9*	*15-110*				
Surrogate: Nitrobenzene-d5	*2100*		*"*	*2500*		*83.7*	*30-130*				
Surrogate: Phenol-d5	*3160*		*"*	*3760*		*84.2*	*15-110*				
Surrogate: Terphenyl-d14	*2250*		*"*	*2500*		*90.0*	*30-130*				

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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 BC30551 - EPA 3550B											
LCS (BC30551-BS1)								Prepared: 03/12/2013 Analyzed: 03/13/2013			
Acenaphthene	2150	250	ug/kg wet	2500		86.1	31.1-109				
Acenaphthylene	2060	250	"	2500		82.3	31.1-106				
Aniline	1700	250	"	2500		67.8	5.07-149				
Anthracene	2040	250	"	2500		81.8	31.5-107				
Benzo(a)anthracene	2150	250	"	2500		85.8	31.5-115				
Benzo(a)pyrene	2260	250	"	2500		90.3	29.1-138				
Benzo(b)fluoranthene	2510	250	"	2500		100	14.9-131				
Benzo(g,h,i)perylene	2100	250	"	2500		83.9	6.56-121				
Benzyl alcohol	2310	250	"	2500		92.4	25.4-119				
Benzo(k)fluoranthene	2510	250	"	2500		100	29.1-121				
Benzyl butyl phthalate	2330	250	"	2500		93.3	31.3-112				
4-Bromophenyl phenyl ether	2210	250	"	2500		88.4	25.2-113				
4-Chloro-3-methylphenol	2380	250	"	2500		95.4	29.5-124				
4-Chloroaniline	1770	250	"	2500		71.0	10-177				
Bis(2-chloroethoxy)methane	2150	250	"	2500		86.1	27.9-111				
Bis(2-chloroethyl)ether	2020	250	"	2500		80.7	18-122				
Bis(2-chloroisopropyl)ether	2110	250	"	2500		84.3	9.62-123				
Bis(2-ethylhexyl)phthalate	2530	250	"	2500		101	25-105				
2-Chloronaphthalene	2020	250	"	2500		80.9	31.7-108				
2-Chlorophenol	2100	250	"	2500		83.8	20.3-125				
4-Chlorophenyl phenyl ether	2240	250	"	2500		89.6	23.6-110				
Chrysene	1980	250	"	2500		79.2	27.4-117				
Dibenzo(a,h)anthracene	2190	250	"	2500		87.5	14.6-119				
Dibenzofuran	2100	250	"	2500		84.0	30.2-108				
Di-n-butyl phthalate	2250	250	"	2500		89.9	33.5-100				
1,2-Dichlorobenzene	2000	250	"	2500		80.2	22.8-114				
1,4-Dichlorobenzene	2040	250	"	2500		81.8	19.8-121				
1,3-Dichlorobenzene	2010	250	"	2500		80.3	20.6-119				
3,3'-Dichlorobenzidine	2110	250	"	2500		84.5	10-180				
2,4-Dichlorophenol	2650	250	"	2500		106	23.3-125				
Diethyl phthalate	2260	250	"	2500		90.5	29.7-111				
2,4-Dimethylphenol	2030	250	"	2500		81.2	29.8-115				
Dimethyl phthalate	2200	250	"	2500		88.1	27-118				
4,6-Dinitro-2-methylphenol	1510	500	"	2500		60.2	10-122				
2-Nitroaniline	2160	250	"	2500		86.4	40-140				
2,4-Dinitrophenol	1430	500	"	2500		57.1	10-151				
2,6-Dinitrotoluene	2360	250	"	2500		94.3	26.1-119				
2,4-Dinitrotoluene	2350	250	"	2500		94.0	21.4-126				
Di-n-octyl phthalate	2510	250	"	2500		100	19-129				
Fluoranthene	2180	250	"	2500		87.0	31.3-110				
Fluorene	2240	250	"	2500		89.5	29.9-108				
Hexachlorobenzene	2310	250	"	2500		92.4	31.7-102				
Hexachlorobutadiene	2310	250	"	2500		92.4	10.1-134				
Hexachlorocyclopentadiene	769	250	"	2500		30.8	10-122				
Hexachloroethane	2070	250	"	2500		82.9	20.2-114				
Indeno(1,2,3-cd)pyrene	2280	250	"	2500		91.1	12.6-120				
Isophorone	2220	250	"	2500		88.9	27.2-113				
2-Methylnaphthalene	2160	250	"	2500		86.6	17.4-119				
2-Methylphenol	2190	250	"	2500		87.4	23.6-125				
3- & 4-Methylphenols	2130	250	"	2500		85.3	21.3-115				
Naphthalene	1990	250	"	2500		79.4	25.2-111				
3-Nitroaniline	2240	250	"	2500		89.5	9.73-147				
4-Nitroaniline	2290	250	"	2500		91.6	6.42-169				
Nitrobenzene	2170	250	"	2500		86.7	21.8-118				

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

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC30551 - EPA 3550B											
LCS (BC30551-BS1)								Prepared: 03/12/2013 Analyzed: 03/13/2013			
4-Nitrophenol	2180	250	ug/kg wet	2500		87.0	10-136				
2-Nitrophenol	2170	250	"	2500		86.6	20.6-119				
N-nitroso-di-n-propylamine	2090	250	"	2500		83.6	25.3-118				
N-Nitrosodimethylamine	ND	250	"	2500			10-142	Low Bias			
N-Nitrosodiphenylamine	2540	250	"	2500		102	35.8-132				
Pentachlorophenol	2930	250	"	2500		117	3.68-146				
Phenanthrene	2090	250	"	2500		83.7	31.2-105				
Phenol	2160	250	"	2500		86.4	23.2-117				
Pyrene	2010	250	"	2500		80.5	26.3-124				
Pyridine	1580	250	"	2500		63.0	10-122				
1,2,4-Trichlorobenzene	2100	250	"	2500		84.2	19.3-128				
2,4,5-Trichlorophenol	1980	250	"	2500		79.2	19.5-131				
2,4,6-Trichlorophenol	2390	250	"	2500		95.6	24.2-123				
Surrogate: 2,4,6-Tribromophenol	*3870*		*"*	*3750*		*103*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*2100*		*"*	*2500*		*84.2*	*30-130*				
Surrogate: 2-Fluorophenol	*3240*		*"*	*3750*		*86.5*	*15-110*				
Surrogate: Nitrobenzene-d5	*2230*		*"*	*2500*		*89.2*	*30-130*				
Surrogate: Phenol-d5	*3400*		*"*	*3760*		*90.5*	*15-110*				
Surrogate: Terphenyl-d14	*2130*		*"*	*2500*		*85.1*	*30-130*				

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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 BC30327 - EPA SW846-3510C Low Level											
Blank (BC30327-BLK1)									Prepared: 03/08/2013 Analyzed: 03/12/2013		
Toxaphene	ND	0.0500	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.201*		*57.7*	*30-150*				

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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 BC30327 - EPA SW846-3510C Low Level											
LCS (BC30327-BS2)								Prepared: 03/08/2013 Analyzed: 03/12/2013			
Aroclor 1260	0.681	0.0500	ug/L	1.00		68.1	40-140				
Aroclor 1016	0.657	0.0500	"	1.00		65.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.133*		*"*	*0.200*		*66.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.201*		*67.2*	*30-150*				
LCS Dup (BC30327-BSD2)								Prepared: 03/08/2013 Analyzed: 03/12/2013			
Aroclor 1260	0.640	0.0500	ug/L	1.00		64.0	40-140		6.09	200	
Aroclor 1016	0.730	0.0500	"	1.00		73.0	40-140		10.5	200	
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.200*		*68.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.131*		*"*	*0.201*		*65.2*	*30-150*				
Batch BC30566 - EPA 3550B											
Blank (BC30566-BLK1)								Prepared: 03/12/2013 Analyzed: 03/13/2013			
Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
Surrogate: Tetrachloro-m-xylene	*77.3*		*"*	*66.7*		*116*	*30-150*				
Surrogate: Decachlorobiphenyl	*58.3*		*"*	*67.0*		*87.0*	*30-150*				

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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 BC30566 - EPA 3550B											
LCS (BC30566-BS1)								Prepared: 03/12/2013 Analyzed: 03/13/2013			
Methoxychlor	35.2	1.65	ug/kg wet	33.3		106	40-140				
Heptachlor epoxide	41.6	0.330	"	33.3		125	40-140				
Heptachlor	39.4	0.330	"	33.3		118	40-140				
gamma-BHC (Lindane)	43.9	0.330	"	33.3		132	40-140				
Endrin ketone	38.0	0.330	"	33.3		114	40-140				
Endrin aldehyde	33.9	0.330	"	33.3		102	40-140				
Endrin	39.4	0.330	"	33.3		118	40-140				
Endosulfan sulfate	37.1	0.330	"	33.3		111	40-140				
Endosulfan II	36.8	0.330	"	33.3		110	40-140				
Endosulfan I	38.8	0.330	"	33.3		116	40-140				
Dieldrin	39.7	0.330	"	33.3		119	40-140				
delta-BHC	38.6	0.330	"	33.3		116	40-140				
beta-BHC	39.0	0.330	"	33.3		117	40-140				
alpha-BHC	46.5	0.330	"	33.3		140	40-140				
Aldrin	44.4	0.330	"	33.3		133	40-140				
4,4'-DDT	34.6	0.330	"	33.3		104	40-140				
4,4'-DDE	39.0	0.330	"	33.3		117	40-140				
4,4'-DDD	42.6	0.330	"	33.3		128	40-140				
Surrogate: Tetrachloro-m-xylene	*86.1*		*"*	*66.7*		*129*	*30-150*				
Surrogate: Decachlorobiphenyl	*60.7*		*"*	*67.0*		*90.6*	*30-150*				
LCS (BC30566-BS2)								Prepared: 03/12/2013 Analyzed: 03/13/2013			
Aroclor 1260	363	17.0	ug/kg wet	333		109	40-140				
Aroclor 1016	338	17.0	"	333		102	40-140				
Surrogate: Tetrachloro-m-xylene	*70.7*		*"*	*66.7*		*106*	*30-150*				
Surrogate: Decachlorobiphenyl	*65.0*		*"*	*67.0*		*97.0*	*30-150*				

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30314 - EPA 3010A											
Blank (BC30314-BLK1)								Prepared & Analyzed: 03/07/2013			
Aluminum - Dissolved	ND	0.010	mg/L								
Aluminum	ND	0.010	"								
Antimony - Dissolved	ND	0.005	"								
Antimony	ND	0.005	"								
Arsenic - Dissolved	ND	0.004	"								
Arsenic	ND	0.004	"								
Barium - Dissolved	ND	0.010	"								
Barium	ND	0.010	"								
Beryllium - Dissolved	ND	0.001	"								
Beryllium	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Cadmium	ND	0.003	"								
Calcium - Dissolved	ND	0.050	"								
Calcium	ND	0.050	"								
Chromium - Dissolved	ND	0.005	"								
Chromium	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper - Dissolved	ND	0.005	"								
Copper	ND	0.005	"								
Iron - Dissolved	ND	0.020	"								
Iron	ND	0.020	"								
Lead - Dissolved	ND	0.003	"								
Lead	ND	0.003	"								
Magnesium - Dissolved	ND	0.050	"								
Magnesium	ND	0.050	"								
Manganese - Dissolved	ND	0.005	"								
Manganese	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium - Dissolved	ND	0.050	"								
Potassium	ND	0.050	"								
Selenium - Dissolved	ND	0.010	"								
Selenium	ND	0.010	"								
Silver - Dissolved	ND	0.005	"								
Silver	ND	0.005	"								
Sodium - Dissolved	ND	0.100	"								
Sodium	ND	0.100	"								
Thallium - Dissolved	ND	0.010	"								
Thallium	ND	0.010	"								
Vanadium - Dissolved	ND	0.010	"								
Vanadium	ND	0.010	"								
Zinc - Dissolved	ND	0.020	"								
Zinc	ND	0.020	"								

YORK
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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 BC30314 - EPA 3010A											
Reference (BC30314-SRM1)								Prepared & Analyzed: 03/07/2013			
Aluminum	0.296	0.010	mg/L	0.292		101	72.6-129				
Aluminum - Dissolved	0.296	0.010	"	0.292		101	72.6-129				
Antimony	0.520	0.005	"	0.686		75.9	70.6-120				
Antimony - Dissolved	0.520	0.005	"	0.686		75.9	70.6-120				
Arsenic	0.165	0.004	"	0.182		90.9	81.9-118				
Arsenic - Dissolved	0.165	0.004	"	0.182		90.9	81.9-118				
Barium	2.11	0.010	"	2.08		102	87-113				
Barium - Dissolved	2.11	0.010	"	2.08		102	87-113				
Beryllium	0.165	0.001	"	0.169		97.5	84.6-113				
Beryllium - Dissolved	0.165	0.001	"	0.169		97.5	84.6-113				
Cadmium	0.372	0.003	"	0.393		94.7	85.2-114				
Cadmium - Dissolved	0.372	0.003	"	0.393		94.7	85.2-114				
Chromium - Dissolved	0.585	0.005	"	0.611		95.7	87.1-113				
Chromium	0.585	0.005	"	0.611		95.7	87.1-113				
Cobalt	0.295	0.005	"	0.290		102	87.6-112				
Cobalt - Dissolved	0.295	0.005	"	0.290		102	87.6-112				
Copper	0.547	0.005	"	0.569		96.2	90-110				
Copper - Dissolved	0.547	0.005	"	0.569		96.2	90-110				
Iron	0.472	0.020	"	0.462		102	87.9-114				
Iron - Dissolved	0.472	0.020	"	0.462		102	87.9-114				
Lead	0.254	0.003	"	0.259		98.0	85.7-114				
Lead - Dissolved	0.254	0.003	"	0.259		98.0	85.7-114				
Manganese	1.32	0.005	"	1.28		103	89.8-111				
Manganese - Dissolved	1.32	0.005	"	1.28		103	89.8-111				
Nickel	0.302	0.005	"	0.279		108	88.5-113				
Nickel - Dissolved	0.302	0.005	"	0.279		108	88.5-113				
Selenium	0.961	0.010	"	1.05		91.5	79.5-116				
Selenium - Dissolved	0.961	0.010	"	1.05		91.5	79.5-116				
Silver	0.299	0.005	"	0.333		89.6	85.9-115				
Silver - Dissolved	0.299	0.005	"	0.333		89.6	85.9-115				
Thallium	0.484	0.010	"	0.487		99.5	80.1-120				
Thallium - Dissolved	0.484	0.010	"	0.487		99.5	80.1-120				
Vanadium	0.423	0.010	"	0.455		93.0	87.5-112				
Vanadium - Dissolved	0.423	0.010	"	0.455		93.0	87.5-112				
Zinc	0.179	0.020	"	0.191		93.8	84.8-118				
Zinc - Dissolved	0.179	0.020	"	0.191		93.8	84.8-118				

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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 BC30314 - EPA 3010A											
Reference (BC30314-SRM2)							Prepared & Analyzed: 03/07/2013				
Calcium - Dissolved	26.1	0.050	mg/L	25.3		103	86.2-114				
Calcium	26.1	0.050	"	25.3		103	86.2-114				
Magnesium - Dissolved	13.8	0.050	"	13.5		102	85.9-114				
Magnesium	13.8	0.050	"	13.5		102	85.9-114				
Potassium	19.9	0.050	"	19.1		104	84.8-115				
Potassium - Dissolved	19.9	0.050	"	19.1		104	84.8-115				
Sodium	54.0	0.100	"	53.2		101	85-115				
Sodium - Dissolved	54.0	0.100	"	53.2		101	85-115				
Batch BC30317 - EPA 3050B											
Blank (BC30317-BLK1)							Prepared: 03/07/2013 Analyzed: 03/08/2013				
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	"								

YORK
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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 BC30317 - EPA 3050B											
Reference (BC30317-SRM1)								Prepared: 03/07/2013 Analyzed: 03/08/2013			
Aluminum	6950	2.00	mg/kg wet	9310		74.6	43.3-157				
Antimony	106	0.500	"	120		88.5	20.8-253				
Arsenic	148	1.00	"	168		87.9	70.8-130				
Barium	183	0.500	"	213		85.9	73.2-127				
Beryllium	93.6	0.100	"	110		85.1	75.1-125				
Cadmium	85.7	0.500	"	103		83.2	73-126				
Calcium	5920	5.00	"	6870		86.2	74.4-126				
Chromium	98.1	0.500	"	119		82.5	69.7-129				
Cobalt	118	0.500	"	131		90.4	74.4-125				
Copper	105	0.500	"	118		89.1	74.6-125				
Iron	10900	2.00	"	13000		84.0	32.2-168				
Lead	64.4	0.300	"	76.9		83.8	68.7-131				
Magnesium	2270	5.00	"	2780		81.5	61.5-135				
Manganese	303	1.00	"	338		89.7	75.4-125				
Nickel	70.2	0.500	"	70.0		100	70.9-129				
Potassium	2570	10.0	"	3130		82.0	62.9-137				
Selenium	115	0.500	"	126		91.4	66.7-134				
Silver	33.7	0.500	"	42.3		79.6	66.2-134				
Sodium	339	10.0	"	350		96.8	42.9-157				
Thallium	176	0.500	"	208		84.7	69.2-121				
Vanadium	72.5	0.500	"	87.1		83.2	63.1-137				
Zinc	234	0.500	"	276		84.7	71.3-129				

YORK
ANALYTICAL LABORATORIES, INC.

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 BC30391 - EPA SW846-7471											
Blank (BC30391-BLK1)								Prepared: 03/09/2013 Analyzed: 03/11/2013			
Mercury	ND	0.100	mg/kg wet								
LCS (BC30391-BS1)								Prepared: 03/09/2013 Analyzed: 03/11/2013			
Mercury	3.44		mg/kg	3.73		92.2	67.6-131				
Batch BC30478 - EPA SW846-7470											
Blank (BC30478-BLK1)								Prepared & Analyzed: 03/12/2013			
Mercury	ND	0.0002	mg/L								
LCS (BC30478-BS1)								Prepared & Analyzed: 03/12/2013			
Mercury	0.002208	0.0002	mg/L	0.00200		110	80-120				
Batch BC30479 - EPA SW846-7470											
Blank (BC30479-BLK1)								Prepared & Analyzed: 03/12/2013			
Mercury - Dissolved	ND	0.0002000	mg/L								
LCS (BC30479-BS1)								Prepared & Analyzed: 03/12/2013			
Mercury - Dissolved	0.002096	0.0002000	mg/L	0.00200		105	80-120				

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0168-01	SB-2A (0-2')	8 oz. WM Clear Glass Cool to 4° C
13C0168-02	SB-2A (5-7')	8 oz. WM Clear Glass Cool to 4° C
13C0168-03	SB-3A (0-2')	8 oz. WM Clear Glass Cool to 4° C
13C0168-04	SB-3A (5-7')	8 oz. WM Clear Glass Cool to 4° C
13C0168-05	SB-4 (0-2')	8 oz. WM Clear Glass Cool to 4° C
13C0168-06	SB-4 (5-7')	8 oz. WM Clear Glass Cool to 4° C
13C0168-08	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0168-09	GW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0168-10	GW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0168-11	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0168-12	DUP (GW)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0168-13	DUP (Soil)	8 oz. WM Clear Glass Cool to 4° C

Notes and Definitions

VOA-CONTNON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.

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

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

EXT-EM The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

Corrective Action: Client submitted only 1-1 Liter Amber for SVOCs & Pest/PCB Analyses for samples GW-1 & Field Blank - JG 03/07/2013

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

Field Chain-of-Custody Record

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

York Project No. 13C0168

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Laurel Environmental	Company: Scott	Company: Kathy.	501 Leonard Street	RUSH - Same Day ☐	Summary Report ___
Address: 53 West Hills Road, Huntington Station, NY 11746	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ✓
Phone No. 631 673 0612	Phone No.	Phone No.	Purchase Order No. 12-361.1A	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Scott	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: labresults@laurelenv.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	RUSH - Four Day ☐	NY ASP B Package ___
				Standard(5-7 Days) ✓	*Electronic Deliverables:* EDD (Specify Type) Excel ✓ Part 375 + Tables

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)

CHRISTOPHER J. CONNOLLY
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	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded/No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded/Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☒
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-2A (0-2')	3-6-13	S	VOCs (8260), SVOCs (8270), Pesticides (8081), PCBs (8082) metals (6010)	1x802 2x402
SB-2A (5-7')	↓	↓	↓	↓
SB-3A (0-2')	↓	↓	↓	↓
SB-3A (5-7')	↓	↓	↓	↓
SB-4 (0-2')	↓	↓	↓	↓
SB-4 (5-7')	↓	↓	↓	↓
DUP (soil)	↓	↓	↓	↓
MW-1	3-6-13	GW	Metals 6010/7471 (Filtered + Unfiltered)	2x metals
GW-1	↓	GW	VOCs, SVOCs, Pesticides, PCBs, Metals (Filtered + Unfiltered)	2xVOAs, 1xAMBER, 2xMETALS
GW-2	↓	GW	" " " " " " "	" 2xAMBERS "

Comments metals: TAL metals list as per Scott Kunsch 3/7/13
ALL GROUNDWATER SAMPLES INCLUDE BOTH FILTERED AND UNFILTERED METALS ANALYSIS.

Preservation
Check those Applicable
4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	3-6-13 1120 AM	KBaker	3-6-13 1120 AM
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		PGrace	3-6-13 1520

Temperature on Receipt 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
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Field Chain-of-Custody Record

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York Project No. 13C0168

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Laurel Environmental	Company: Scott.	Company: Kathy	501 Leonard St Brooklyn NY.	RUSH - Same Day ☐	Summary Report ___
Address: 53 West Hills Rd Huntington Sta.	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ✓
Phone No.	Phone No.	Phone No.	Purchase Order No. 12-861.1A	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Scott	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 Package ___
				Standard(5-7 Days) ✓	*Electronic Deliverables:* EDD (Specify Type) ___ Excel ✓ Text 375, TOCS.

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)

CHRISTOPHER J. CONNOLLY
Name (printed)

Matrix Codes
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Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ✓
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW-3	3-6-13	GW	VOCs, SVOCs, Pesticides, PCBs, Metals (filtered + unfiltered)	2xVOAs, 2xAMBERS, 2xMETALS
Field Blank	"	Water	" " " " "	2xVOAs, 1AMBER, 1xMETALS
Dup (GW)	"	GW	" " " " " " "	" " "

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Comments
ALL GW SAMPLES METAL BOTH FILTERED + UNFILTERED ANALYSIS

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

Samples Relinquished By — Date/Time: 3-6-13 11:30 AM
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 3-6-13 11:30 AM
Samples Received in LAB by — Date/Time: 3/6/13-1520

Temperature on Receipt: 4.1 °C

APPENDIX E

Soil Vapor Raw Laboratory Data

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 12/26/2012
Client Project ID: 501 Leonard St.
York Project (SDG) No.: 12L0581

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

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

Report Date: 12/26/2012
Client Project ID: 501 Leonard St.
York Project (SDG) No.: 12L0581

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 December 17, 2012 and listed below. The project was identified as your project: **501 Leonard St.**.

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
12L0581-01	Y-77	Soil Vapor	12/13/2012	12/17/2012
12L0581-02	Y-66	Soil Vapor	12/13/2012	12/17/2012

General Notes for York Project (SDG) No.: 12L0581

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:** 12/26/2012

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Y-77 **York Sample ID:** 12L0581-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0581	501 Leonard St.	Soil Vapor	December 13, 2012 11:37 am	12/17/2012

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
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.93	0.93	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.93	0.93	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.69	0.69	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.68	0.68	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
95-63-6	**1,2,4-Trimethylbenzene**	**27**		ug/m³	0.84	0.84	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.69	0.69	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.79	0.79	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
108-67-8	**1,3,5-Trimethylbenzene**	**8.2**		ug/m³	0.84	0.84	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.62	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
78-93-3	**2-Butanone**	**65**		ug/m³	0.50	0.50	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
591-78-6	2-Hexanone	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
67-64-1	**Acetone**	**190**	E	ug/m³	0.41	0.41	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
71-43-2	**Benzene**	**6.3**		ug/m³	0.55	0.55	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.88	0.88	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
74-83-9	Bromomethane	ND		ug/m³	0.66	0.66	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-15-0	**Carbon disulfide**	**5.4**		ug/m³	0.53	0.53	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.54	0.54	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.79	0.79	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-00-3	Chloroethane	ND		ug/m³	0.45	0.45	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
67-66-3	Chloroform	ND		ug/m³	0.83	0.83	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
74-87-3	Chloromethane	ND		ug/m³	0.35	0.35	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.68	0.68	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Y-77 **York Sample ID:** 12L0581-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0581	501 Leonard St.	Soil Vapor	December 13, 2012 11:37 am	12/17/2012

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.78	0.78	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
110-82-7	**Cyclohexane**	**4.1**		ug/m³	0.59	0.59	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-71-8	**Dichlorodifluoromethane**	**3.2**		ug/m³	0.84	0.84	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.62	0.62	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
100-41-4	**Ethyl Benzene**	**17**		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
67-63-0	Isopropanol	ND		ug/m³	0.42	0.42	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.61	0.61	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-09-2	**Methylene chloride**	**7.5**		ug/m³	0.59	0.59	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
142-82-5	**n-Heptane**	**11**		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
110-54-3	**n-Hexane**	**26**		ug/m³	0.60	0.60	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
95-47-6	**o-Xylene**	**23**		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
1330-20-7P/M	**p- & m- Xylenes**	**57**		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
622-96-8	**p-Ethyltoluene**	**25**		ug/m³	4.2	4.2	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
115-07-01	Propylene	ND		ug/m³	0.29	0.29	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
100-42-5	Styrene	ND		ug/m³	0.73	0.73	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.2	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
109-99-9	**Tetrahydrofuran**	**11**		ug/m³	0.50	0.50	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
108-88-3	**Toluene**	**130**		ug/m³	0.64	0.64	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.68	0.68	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.78	0.78	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.46	0.46	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.5**		ug/m³	0.96	0.96	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.60	0.60	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.44	0.44	1.68	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 17:38	TD

Sample Information

Client Sample ID: Y-66 **York Sample ID:** 12L0581-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0581	501 Leonard St.	Soil Vapor	December 13, 2012 12:25 pm	12/17/2012

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

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Y-66 **York Sample ID:** 12L0581-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0581	501 Leonard St.	Soil Vapor	December 13, 2012 12:25 pm	12/17/2012

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
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.91	0.91	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.1	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.3	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.91	0.91	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	0.68	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.66	0.66	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.2	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
95-63-6	**1,2,4-Trimethylbenzene**	**28**		ug/m³	0.82	0.82	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	0.68	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.77	0.77	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
108-67-8	**1,3,5-Trimethylbenzene**	**10**		ug/m³	0.82	0.82	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.73	0.73	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.60	0.60	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
78-93-3	**2-Butanone**	**17**		ug/m³	0.49	0.49	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
591-78-6	2-Hexanone	ND		ug/m³	0.69	0.69	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	0.69	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
67-64-1	**Acetone**	**120**	E	ug/m³	0.40	0.40	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
71-43-2	**Benzene**	**9.2**		ug/m³	0.53	0.53	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.87	0.87	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.0	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-25-2	Bromoform	ND		ug/m³	1.7	1.7	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
74-83-9	Bromomethane	ND		ug/m³	0.65	0.65	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-15-0	**Carbon disulfide**	**2.7**		ug/m³	0.52	0.52	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.53	0.53	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.77	0.77	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-00-3	Chloroethane	ND		ug/m³	0.44	0.44	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
67-66-3	Chloroform	ND		ug/m³	0.82	0.82	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
74-87-3	Chloromethane	ND		ug/m³	0.35	0.35	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.66	0.66	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD

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Sample Information

Client Sample ID: **Y-66** **York Sample ID:** **12L0581-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12L0581	501 Leonard St.	Soil Vapor	December 13, 2012 12:25 pm	12/17/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
110-82-7	**Cyclohexane**	**2.8**		ug/m³	0.58	0.58	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.3	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.83	0.83	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.60	0.60	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
100-41-4	**Ethyl Benzene**	**14**		ug/m³	0.73	0.73	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
67-63-0	**Isopropanol**	**11**		ug/m³	0.41	0.41	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.68	0.68	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	0.60	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-09-2	**Methylene chloride**	**2.9**		ug/m³	0.58	0.58	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
142-82-5	**n-Heptane**	**28**		ug/m³	0.69	0.69	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
110-54-3	**n-Hexane**	**10**		ug/m³	0.59	0.59	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
95-47-6	**o-Xylene**	**21**		ug/m³	0.73	0.73	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
1330-20-7P/M	**p- & m- Xylenes**	**50**		ug/m³	0.73	0.73	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
622-96-8	**p-Ethyltoluene**	**34**		ug/m³	4.1	4.1	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
115-07-01	Propylene	ND		ug/m³	0.29	0.29	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
100-42-5	Styrene	ND		ug/m³	0.71	0.71	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.1	1.1	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.49	0.49	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
108-88-3	**Toluene**	**330**	E	ug/m³	0.63	0.63	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.66	0.66	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.45	0.45	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.94	0.94	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.59	0.59	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	0.43	1.646	EPA Compendium TO-15	12/20/2012 09:00	12/21/2012 19:13	TD

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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.

E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

Corrective Action: Client submitted both Summa cans Unlabeled - JG 12/18/2012

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. 1210581

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LAUREL ENV	Company:	Company:	501 LEONARD ST	RUSH - Same Day ☐	Summary Report ___
Address: Huntington Station	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ___
			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package ___
Phone No:	Phone No:	Phone No:		RUSH - Three Day ☐	NY ASP A Package ___
Contact Person:	Attention:	Attention:		RUSH - Four Day ☐	NY ASP B/CLP Pkg ___
					NJDEP Reduced ___
					Electronic Deliverables:
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	Standard(5-7 Days) ☑	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)

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
Y-77	12-13-12	AS	10:04 19	11:37 6	TO15	6 Liter Summa canister___ Tedlar Bag___
Y-66	12-13-12	AI	~~9:55~~ 9:55 -30	12:25 -3	TO15	6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___

Comments

[signature]	12-17-12 1140 AM	K Baker	12-17-12 1140 AM
Samples Relinquished By	Date/Time	Samples Received By	Date/Time
		[signature]	12/17/12 - 1710
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 03/11/2013
Client Project ID: 501 Leonard Ave Greenpoint
York Project (SDG) No.: 13C0189

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

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

Report Date: 03/11/2013
Client Project ID: 501 Leonard Ave Greenpoint
York Project (SDG) No.: 13C0189

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 06, 2013 and listed below. The project was identified as your project: **501 Leonard Ave Greenpoint**.

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
13C0189-01	SV-3	Soil Vapor	03/05/2013	03/06/2013
13C0189-02	SV-4	Soil Vapor	03/05/2013	03/06/2013
13C0189-03	SV-1	Soil Vapor	03/05/2013	03/06/2013
13C0189-04	Trip Blank	Air	03/05/2013	03/06/2013

General Notes for York Project (SDG) No.: 13C0189

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

Approved By: **Date:** 03/11/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **13C0189-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 12:15 pm	03/06/2013

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
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.0	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.3	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.4	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.0	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.75	0.75	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.73	0.73	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.4	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
95-63-6	**1,2,4-Trimethylbenzene**	**23**		ug/m³	0.91	0.91	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.75	0.75	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.85	0.85	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.3	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
108-67-8	**1,3,5-Trimethylbenzene**	**7.3**		ug/m³	0.91	0.91	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.80	0.80	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.66	0.66	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
78-93-3	**2-Butanone**	**71**		ug/m³	0.54	0.54	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
591-78-6	2-Hexanone	ND		ug/m³	0.76	0.76	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.76	0.76	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
67-64-1	**Acetone**	**52**		ug/m³	4.4	4.4	18.13	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 11:59	TD
71-43-2	**Benzene**	**7.6**		ug/m³	0.59	0.59	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.95	0.95	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-25-2	Bromoform	ND		ug/m³	1.9	1.9	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
74-83-9	Bromomethane	ND		ug/m³	0.72	0.72	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-15-0	**Carbon disulfide**	**12**		ug/m³	0.57	0.57	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.58	0.58	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.85	0.85	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-00-3	Chloroethane	ND		ug/m³	0.49	0.49	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
67-66-3	Chloroform	ND		ug/m³	0.90	0.90	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
74-87-3	Chloromethane	ND		ug/m³	0.38	0.38	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.73	0.73	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 13C0189-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 12:15 pm	03/06/2013

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.84	0.84	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
110-82-7	**Cyclohexane**	**4.4**		ug/m³	0.63	0.63	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-71-8	**Dichlorodifluoromethane**	**4.0**		ug/m³	0.91	0.91	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.66	0.66	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
100-41-4	**Ethyl Benzene**	**8.8**		ug/m³	0.80	0.80	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	2.0	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
67-63-0	Isopropanol	ND		ug/m³	0.45	0.45	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	0.75	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	0.66	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-09-2	Methylene chloride	ND		ug/m³	0.64	0.64	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
142-82-5	**n-Heptane**	**27**		ug/m³	0.76	0.76	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
110-54-3	**n-Hexane**	**40**		ug/m³	0.65	0.65	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
95-47-6	**o-Xylene**	**19**		ug/m³	0.80	0.80	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
1330-20-7P/M	**p- & m- Xylenes**	**36**		ug/m³	0.80	0.80	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
622-96-8	**p-Ethyltoluene**	**27**		ug/m³	4.5	4.5	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
115-07-01	Propylene	ND		ug/m³	0.32	0.32	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
100-42-5	**Styrene**	**1.7**		ug/m³	0.79	0.79	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
127-18-4	**Tetrachloroethylene**	**7.0**		ug/m³	1.3	1.3	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.54	0.54	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
108-88-3	**Toluene**	**30**		ug/m³	0.69	0.69	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.73	0.73	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.84	0.84	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.50	0.50	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.0	1.0	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.65	0.65	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.47	0.47	1.813	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 18:51	TD

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13C0189-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 12:45 pm	03/06/2013

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

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13C0189-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 12:45 pm	03/06/2013

71-55-6	1,1,1-Trichloroethane	ND	ug/m³	0.99	0.99	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND	ug/m³	1.2	1.2	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ug/m³	1.4	1.4	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
79-00-5	1,1,2-Trichloroethane	ND	ug/m³	0.99	0.99	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-34-3	1,1-Dichloroethane	ND	ug/m³	0.74	0.74	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-35-4	1,1-Dichloroethylene	ND	ug/m³	0.72	0.72	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
120-82-1	1,2,4-Trichlorobenzene	ND	ug/m³	1.3	1.3	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
95-63-6	**1,2,4-Trimethylbenzene**	**28**	ug/m³	0.89	0.89	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
106-93-4	1,2-Dibromoethane	ND	ug/m³	1.4	1.4	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
95-50-1	1,2-Dichlorobenzene	ND	ug/m³	1.1	1.1	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
107-06-2	1,2-Dichloroethane	ND	ug/m³	0.74	0.74	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
78-87-5	1,2-Dichloropropane	ND	ug/m³	0.84	0.84	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND	ug/m³	1.3	1.3	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
108-67-8	**1,3,5-Trimethylbenzene**	**7.0**	ug/m³	0.89	0.89	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
106-99-0	1,3-Butadiene	ND	ug/m³	0.79	0.79	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
541-73-1	1,3-Dichlorobenzene	ND	ug/m³	1.1	1.1	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
106-46-7	1,4-Dichlorobenzene	ND	ug/m³	1.1	1.1	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
123-91-1	1,4-Dioxane	ND	ug/m³	0.65	0.65	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
78-93-3	**2-Butanone**	**140**	ug/m³	5.4	5.4	17.87	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 12:44	TD
591-78-6	2-Hexanone	ND	ug/m³	0.74	0.74	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
108-10-1	**4-Methyl-2-pentanone**	**13**	ug/m³	0.74	0.74	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
67-64-1	**Acetone**	**60**	ug/m³	4.3	4.3	17.87	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 12:44	TD
71-43-2	**Benzene**	**5.0**	ug/m³	0.58	0.58	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
100-44-7	Benzyl chloride	ND	ug/m³	0.94	0.94	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-27-4	Bromodichloromethane	ND	ug/m³	1.1	1.1	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-25-2	Bromoform	ND	ug/m³	1.9	1.9	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
74-83-9	Bromomethane	ND	ug/m³	0.71	0.71	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-15-0	Carbon disulfide	ND	ug/m³	0.57	0.57	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
56-23-5	Carbon tetrachloride	ND	ug/m³	0.57	0.57	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
108-90-7	Chlorobenzene	ND	ug/m³	0.84	0.84	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-00-3	Chloroethane	ND	ug/m³	0.48	0.48	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
67-66-3	Chloroform	ND	ug/m³	0.89	0.89	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
74-87-3	Chloromethane	ND	ug/m³	0.38	0.38	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
156-59-2	cis-1,2-Dichloroethylene	ND	ug/m³	0.72	0.72	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
10061-01-5	cis-1,3-Dichloropropylene	ND	ug/m³	0.82	0.82	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
110-82-7	**Cyclohexane**	**4.3**	ug/m³	0.63	0.63	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
124-48-1	Dibromochloromethane	ND	ug/m³	1.5	1.5	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-71-8	**Dichlorodifluoromethane**	**3.2**	ug/m³	0.90	0.90	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13C0189-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 12:45 pm	03/06/2013

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
141-78-6	Ethyl acetate	ND		ug/m³	0.65	0.65	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
100-41-4	**Ethyl Benzene**	**9.1**		ug/m³	0.79	0.79	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
67-63-0	Isopropanol	ND		ug/m³	0.45	0.45	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.74	0.74	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.65	0.65	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-09-2	Methylene chloride	ND		ug/m³	0.63	0.63	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
142-82-5	**n-Heptane**	**7.7**		ug/m³	0.74	0.74	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
110-54-3	**n-Hexane**	**12**		ug/m³	0.64	0.64	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
95-47-6	**o-Xylene**	**18**		ug/m³	0.79	0.79	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
1330-20-7P/M	**p- & m- Xylenes**	**34**		ug/m³	0.79	0.79	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
622-96-8	**p-Ethyltoluene**	**23**		ug/m³	4.5	4.5	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
115-07-01	Propylene	ND		ug/m³	0.31	0.31	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
100-42-5	Styrene	ND		ug/m³	0.77	0.77	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.2	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
109-99-9	**Tetrahydrofuran**	**72**		ug/m³	0.54	0.54	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
108-88-3	**Toluene**	**46**		ug/m³	0.68	0.68	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	0.72	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.82	0.82	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.49	0.49	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.0	1.0	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.64	0.64	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.46	0.46	1.787	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 19:41	TD

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13C0189-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 1:10 pm	03/06/2013

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
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.95	0.95	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.3	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13C0189-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 1:10 pm	03/06/2013

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.95	0.95	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.71	0.71	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.69	0.69	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
95-63-6	**1,2,4-Trimethylbenzene**	**41**		ug/m³	0.86	0.86	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	0.71	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.81	0.81	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
108-67-8	**1,3,5-Trimethylbenzene**	**10**		ug/m³	0.86	0.86	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.76	0.76	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.63	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
78-93-3	**2-Butanone**	**170**		ug/m³	5.1	5.1	17.14	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 13:29	TD
591-78-6	2-Hexanone	ND		ug/m³	0.71	0.71	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
108-10-1	**4-Methyl-2-pentanone**	**22**		ug/m³	0.71	0.71	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
67-64-1	**Acetone**	**290**		ug/m³	4.1	4.1	17.14	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 13:29	TD
71-43-2	**Benzene**	**17**		ug/m³	0.56	0.56	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.90	0.90	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
74-83-9	Bromomethane	ND		ug/m³	0.68	0.68	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-15-0	**Carbon disulfide**	**6.8**		ug/m³	0.54	0.54	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.55	0.55	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.80	0.80	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-00-3	Chloroethane	ND		ug/m³	0.46	0.46	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
67-66-3	Chloroform	ND		ug/m³	0.85	0.85	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
74-87-3	Chloromethane	ND		ug/m³	0.36	0.36	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.69	0.69	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.79	0.79	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
110-82-7	**Cyclohexane**	**6.5**		ug/m³	0.60	0.60	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-71-8	**Dichlorodifluoromethane**	**2.8**		ug/m³	0.86	0.86	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13C0189-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Soil Vapor	March 5, 2013 1:10 pm	03/06/2013

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
141-78-6	Ethyl acetate	ND		ug/m³	0.63	0.63	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.76	0.76	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
67-63-0	Isopropanol	ND		ug/m³	0.43	0.43	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.71	0.71	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.63	0.63	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-09-2	Methylene chloride	ND		ug/m³	0.61	0.61	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
142-82-5	**n-Heptane**	**39**		ug/m³	0.71	0.71	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
110-54-3	**n-Hexane**	**12**		ug/m³	0.61	0.61	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
95-47-6	**o-Xylene**	**23**		ug/m³	0.76	0.76	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
1330-20-7P/M	**p- & m- Xylenes**	**43**		ug/m³	0.76	0.76	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
622-96-8	**p-Ethyltoluene**	**34**		ug/m³	4.3	4.3	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
115-07-01	Propylene	ND		ug/m³	0.30	0.30	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
100-42-5	Styrene	ND		ug/m³	0.74	0.74	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.2	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
109-99-9	**Tetrahydrofuran**	**63**		ug/m³	5.1	5.1	17.14	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 13:29	TD
108-88-3	**Toluene**	**360**		ug/m³	6.6	6.6	17.14	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 13:29	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.69	0.69	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.79	0.79	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.47	0.47	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.98	0.98	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.61	0.61	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	0.45	1.714	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 20:32	TD

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 13C0189-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Air	March 5, 2013 3:00 pm	03/06/2013

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
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13C0189-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Air	March 5, 2013 3:00 pm	03/06/2013

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13C0189-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13C0189	501 Leonard Ave Greenpoint	Air	March 5, 2013 3:00 pm	03/06/2013

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
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	03/07/2013 09:00	03/08/2013 17:10	TD

YORK
ANALYTICAL LABORATORIES, INC.

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. ~~12-361.1~~ 13C0189

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Laurel Environmental	Company: SCOTT	Company: Kathy.	501 Leonard Ave IL-3661 Greenpoint.	RUSH - Same Day ☐	Summary Report
Address: 53 West Hills Rd	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ✓
			Purchase Order No. 12-361.1A	RUSH - Two Day ☐	CT RCP Package
Phone No. 631-673-0612	Phone No.	Phone No.		RUSH - Three Day ☐	NY ASP A Package
Contact Person: Scott	Attention:	Attention:		RUSH - Four Day ☐	NY ASP B/CLP Pkg
					NJDEP Reduced
					Electronic Deliverables:
E-Mail Address	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY✓ NJ___	Standard(5-7 Days) ☒	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): Steven Biretto

Name (printed): Steven Biretto

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-3	3-5-13 (10:11 / 12:15)	AS	30+	4	TO15	6 Liter Summa canister ✓ / Tedlar Bag
SV-4	3-5-13 (10:50 / 12:45)	AS	29	3	TO15	6 Liter Summa canister ✓ / Tedlar Bag
SV-1	3-5-13 (11:50 / 1:20)	AS	30+	5	TO15	6 Liter Summa canister ✓ / Tedlar Bag
Trip Blank	"	"	–	–	TO15	6 Liter Summa canister ✓ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag

Comments

Samples Relinquished By: [signature]	Date/Time: 3-6-13 1120 AM
Samples Relinquished By:	Date/Time:
Samples Received By: [signature]	Date/Time: 3-6-13 1120 AM
Samples Received in LAB by: [signature]	Date/Time: 3/6/13 - 1520