245-247 DRIGGS AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP159K

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, Stephen Morse, 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 245-247 Driggs Avenue, (NYC VCP Site No. TBD). 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.

Stephen A. Morse	August 21, 2012	
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 245-247 Driggs Avenue in the Greenpoint section in Brooklyn, New York and is identified as Block 2699 and Lot 15 and 17 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4084-square feet and is bounded by Driggs Avenue to the north, a residential property at 565 Graham Avenue to the south, Graham Avenue to the east, and a residential property at 253 Driggs Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for residential use and contains one (1), 3-floor residential building, and a vacated construction trailer.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will be residential. A five-story building with a cellar and a rear yard and parking area will be constructed. At the cellar level, the building will occupy the full footprint of the Site with the exception of a small unexcavated area in the northeast corner of the Site along Driggs Avenue and the rear yard/parking area. The cellar will be used for building utilities, storage, and accessory residential space. At grade level, there will be a small paved rear yard in the southwest corner of the Site, and the remainder of the open area in the rear will be a paved parking area.

As per the New York City Department of Planning, the Site is zoned R6B. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Past Uses and Ownership

A review of the Phase I Environmental Site Assessment (ESA) dated May 23, 2012 indicates that the Site has historically been utilized for residential purposes (Lot 15) and mixed commercial purposes (Lot 17).

Areas of Concern

The Phase I did not identify any RECs associated with the historic usage of the Site or surrounding properties. The only AOC identified for this site is historic fill material. The Phase 1 Report is presented in Appendix A.

Summary of the Work Performed under the Remedial Investigation

GRANT 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 (6) soil borings (SB-01 to SB-06) across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells (TWP-02, TWP-03, and TWP-06) throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four (4) soil vapor probes (SVP-01 to SVP-04) around the proposed future site perimeter and collected four (4) samples for chemical analysis.

Summary of Environmental Findings

1. Depth to groundwater ranges from eleven (11) to twelve (12) feet at the Site.
2. Groundwater flow is generally from east to west towards the East River, however locally beneath the Site it was measured to flow towards the northeast.
3. Bedrock was not encountered during the RI.
4. The stratigraphy of the site, from the surface down, consists of ten (10) feet of fill material underlain by medium-fine brown sand believed to be native soil.
5. Soil/fill samples collected during the RI showed no volatile organic compounds (VOCs) in soil above Track 1 Unrestricted Use SCOs except for acetone which was detected at a maximum concentration of 0.180 ppm, well below its Restricted Residential SCO of 100 ppm. No chlorinated VOCs were detected in any sample, and only trace levels of

petroleum-related compounds, including toluene (max 0.089 ppm), ethyl benzene (max 0.017 ppm), and xylenes (max 0.064 ppm) were identified. Several semi-volatile organic compounds (SVOCs) were identified in two soil borings, above Track 2 Restricted Residential SCOs, and including benzo(a)pyrene (max. of 8.81 ppm), benzo(b)fluoranthene (max. of 5.59 ppm), benzo(k)fluoranthene (max. of 6.80 ppm), chrysene (max. of 9.53 ppm), dibenzo(a,h)anthracene (max. of 1.42 ppm) and indeno(1,2,3-c,d)pyrene (max. of 3.09 ppm). These SVOCs are all polycyclic aromatic hydrocarbons (PAHs) and their concentrations are consistent with observations of historic fill. No PCBs were detected above Track 1 Unrestricted Use SCOs in soil samples. Pesticides including 4,4'-DDD (max. of 5.1 ppb); 4,4'-DDE (max. of 6.2 ppb); and 4,4'-DDT (max. of 22.4 ppb) were detected above Unrestricted Use SCOs, but well below Restricted Residential SCOs. Six metals were detected above Unrestricted Use SCOs, and of these arsenic (max. of 18 ppm), barium (max. of 800 ppm), and lead (max. of 1620 ppm) were detected above Restricted Residential SCOs. Overall, the concentrations of PAHs, metals, and pesticides are consistent with observations of historic fill sites throughout NYC. Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site.

6. Groundwater samples collected during the RI showed that methylene chloride (max 5.8 ug/L) was the only VOC detected exceeding its NYSDEC Part 703.5 Groundwater Quality Standards (GQS). Methylene chloride is a common laboratory contaminant and was also detected in the laboratory blank. Although several SVOCs had detection limits above GQSs, no SVOCs were detected in any sample. The only metals detected above GQSs in dissolved groundwater samples were manganese and sodium.

7. Soil vapor samples collected during the RI showed chlorinated and petroleum-related VOCs at generally low concentrations. Most compounds were detected at concentrations below 20 $\mu g/m^3$ except for acetone (max. of 420 $\mu g/m^3$), hexane (170 $\mu g/m^3$), xylene (520 $\mu g/m^3$), ethyltoluene (99 $\mu g/m^3$) and toluene (730 $\mu g/m^3$). The chlorinated VOCs 1,1,1 – Trichloroethane (TCA) and Carbon tetrachloride were not detected in any sample. Tetrachloroethylene (PCE) was detected in all four soil vapor samples and ranged from 49 to 140 $\mu g/m^3$. Similarly, Trichloroethylene (TCE) was reported in the four soil vapor samples and ranged from 1.3 to 25 $\mu g/m^3$ respectively. Concentrations of both PCE and

TCE fall within their respective monitoring/mitigation ranges established by the NYSDOH Soil Vapor Intrusion matrices.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Global Paragon has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.093-acre site located at 245-247 Driggs Avenue in the Greenpoint section of Brooklyn, New York. Residential use redevelopment is proposed for the property. The RI work was performed between June 18, 2012 and June 20, 2012. 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 245-247 Driggs Avenue in the Greenpoint section in Brooklyn, New York and is identified as Block 2699 and Lot 15 and 17 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4084-square feet and is bounded by Driggs Avenue to the north, a residential property at 565 Graham Avenue to the south, Graham Avenue to the east, and a residential property at 253 Driggs Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for residential use and contains one (1), 3-floor residential building, and a vacated construction site trailer.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will be residential. A five-story building with a cellar and a rear yard and parking area will be constructed. At the cellar level, the building will occupy the full footprint of the Site with the exception of a small unexcavated area in the northeast corner of the Site along Driggs Avenue and the rear yard/parking area. The cellar will be used for building utilities, storage, and accessory residential space. At grade level, there will be a small paved rear yard in the southwest corner of the Site, and the remainder of the open area in the rear will be a paved parking area.

As per the New York City Department of Planning, the Site is zoned R6B. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The current usage and nature of surrounding properties includes multifamily houses, apartment buildings, New York City parks, commercial storefronts and an industrial / manufacturing facility.

The Site is located at 245 and 247 Driggs Avenue, Brooklyn New York and is comprised of block 2699 and lots 15 and 17. The Site is 4084-square feet and is bounded by Driggs Avenue to the north, a residential property at 565 Graham Avenue to the south, Graham Avenue to the east, and a residential property at 253 Driggs Avenue to the west. A map of the site boundary is shown in Figure 2.

Located within a 250 to 500-foot radius of the properties are the following sensitive receptors:

- McCarren Park is located 0.13 miles to the west.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A review of the Phase I Environmental Site Assessment (ESA) dated May 23, 2012 indicates that the Site has historically been utilized for residential purposes (Lot 15) and mixed commercial purposes (Lot 17). The Site was developed prior to 1887. Commercial uses have included a bakery, a "Club House," and printing. In 1978, lot 17 became vacant until it was used as parking around 1986.

The Site assessment was conducted by GRANT on May 15, 2012 and recorded surficial conditions only. The assessment included a walkthrough of the site and surroundings and an interview of the building owner. The Phase I ESA included a review of regulatory agency databases and historical documents and visual observations of the Site and adjoining properties.

The Phase I did not identify any RECs associated with the historic usage of the Site or surrounding properties, however the Site was listed on the New York City Department of City Planning (NYCDCP) list of e-designated properties. Therefore, the NYC Office of Environmental Remediation (OER) is required to review and approve environmental investigation and environmental mitigation measures in order for a Certificate of Occupancy (COO) to be issued by New York City Department of Buildings (NYCDOB).

2.2 Previous Investigations

Previous Investigation includes:

- Phase I ESA, dated May 23, 2012, prepared by GRANT engineering.

2.3 Site Inspection

A site inspection for the RIR was conducted on June 18, 2012. In attendance were Mr. Stephen Morse and Mr. Matthew Petrucci of GRANT, Mr. Alek Vujadinovic of Global Paragon. Mr. Stephen Morse was the Qualified Environmental Professional (QEP) evaluating potential areas of concern. The site inspection revealed that the Site is currently developed with the same existing structures described in the Phase I ESA. A three-story wood frame structure built in approximately 1928 comprises the western portion of the Site, and the eastern half of the Site is a

previously developed vacant lot. There is no evidence of contamination, including stressed vegetation, visible staining, or historical tanks.

2.4 Areas of Concern

The Phase I did not identify any RECs associated with the historic usage of the Site or surrounding properties. The only AOC identified for this site is historic fill material. Phase 1 Report is presented in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Stephen A. Morse, PE.

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

GRANT 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 (6) soil borings (SB-01 to SB-06) across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells (TWP-02, TWP-03, and TWP-06) throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four (4) soil vapor probes (SVP-01 to SVP-04) around the proposed future site perimeter and collected four (4) samples for chemical analysis.

4.1 Geophysical Investigation

No geophysical investigation was conducted as part of this RIR.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

GRANT advanced a total of six (6) soil borings (SB-01 to SB-06) utilizing a Geoprobe drill rig using five (5) foot long acetate liners. Four (4) borings (SB-01 to SB-04) were advanced within the proposed building footprint. Boring SB-01 was advanced within the northwestern portion of the building footprint until groundwater was encountered at a depth of 12 ftbg. Borings SB-02 to SB-04) were advanced within the proposed building footprint to a depth of fifteen (15) ftbg. Two (2) borings (SB-05 and SB-06) were advanced in the rear (southern) portion of the Site in the footprint of the proposed parking and landscaping area. Boring SB-05 and SB-06 were advanced to fifteen (15) ftbg. Groundwater was encountered during the installation of each boring (SB-01 to SB-06) at a depth between eleven (11) to twelve (12) ftbg. A map showing the location of soil borings and monitor wells is shown in Figure 3.

The borings were installed utilizing a track-mounted Geoprobe® 6610DT which utilizes direct-push technology. Soil samples were collected in all borings utilizing a 5-foot long Macro Core sampler with dedicated acetate liners. The Macro sampler allows for the collection of continuous and discrete soil samples. The sample collection involved the installation of a Macro Core sampler to the desired sampling depth. A piston stop-pin was removed from the top of the Macro Core sampler and then installed the length of the sampling interval. The sampler was then removed from the ground with the sample intact in the acetate liner. The GRANT engineer characterized each soil sample in the field. The soil characterization consisted of determining the soil classification utilizing the Unified Soil Classification System and screening each sample for organic vapors utilizing a PID.

The PID was calibrated to the compound isobutylene and has a minimum detection limit of 0.1 parts per million (ppm). None of the samples exhibited any visual or olfactory evidence of organic constituents and no organic vapors were detected in any of the samples with the exception of SB-03. Boring SB-03 exhibited evidence of a tar layer at 10 ftbg with a PID reading of 3.0 ppm. Table 1 indicates construction details of soil borings and monitoring wells installed.

Table 1: Construction Details for Soil Borings and Monitoring Wells

Soil Boring and Monitoring Well Name	Laboratory Identification Number	Date of Construction	Total Depth (ftbg)	Diameter (in.)	Screened Interval (Elevation Range)	Construction Material
SB-01	12F0704-11	6/19/2012	12	2	No PID, olfactory, or visual evidence staining (0-12 ftbg)	Not Applicable
SB-02 / TWP-02	12F0704-06 / 12F0704-10	6/19/2012	15	2	No PID, olfactory, or visual evidence staining (0-15 ftbg)	15 ft of 2" PVC with 10 ft 0.01 slotted screen from 5 to 15 ft
SB-03 / TWP-03	12F0704-13 / 12F0704-17	6/19/2012	15	2	PID at 3.0 ppm with visual evidence of a thin tar layer at 10 ftbg (0-15 ftbg)	15 ft of 2" PVC with 10 ft 0.01 slotted screen from 5 to 15 ft
SB-04	12F0704-08	6/19/2012	15	2	No PID, olfactory, or visual evidence staining (0-15 ftbg)	Not Applicable
SB-05	12F704-15	6/19/2012	15	2	No PID, olfactory, or visual evidence staining (0-15 ftbg)	Not Applicable
SB-06 / TWP-06	12F0704-01 / 12F0704-05	6/19/2012	15	2	No PID, olfactory, or visual evidence staining (0-15 ftbg)	15 ft of 2" PVC with 10 ft 0.01 slotted screen from 5 to 15 ft

The soil borings revealed the presence of fill material to a depth of approximately ten (10) ftbg followed by the presence of medium-fine brown sand to fifteen (15) ftbg which is believed to be native soil. Field screening with a PID did not reveal the presence of organic vapors above background concentrations. No petroleum odors or staining were observed based on and visual and olfactory observations with the exception of SB-03. Boring SB-03 exhibited evidence of a tar layer at 10 ftbg with a PID reading of 3.0 ppm. Due to the previous site use, this layer is believed to be indicative of backfill from construction fill. Boring logs were prepared by an environmental engineer and are attached in Appendix D.

Groundwater Monitoring Well Construction

Three (3) temporary monitoring well points (TWP-02, TWP-03, and TWP-06) were installed throughout the property towards the western, northeastern, and southeastern portions of the property, respectively. The monitoring wells were installed utilizing similar technology as the soil borings (ie. direct push). The diameter of the drilled soil boring was approximately 2 inches. Groundwater was encountered at a depth of approximately eleven (11) ftbg in each of the borings (SB-01 through SB-06). The monitoring wells (TWP-02, TWP-03, and TWP-06) were installed by using 2" solid PVC riser to a depth of five (5) ftbg and 0.01" slotted PVC screen from five (5) to fifteen (15) ftbg to the bottom of the boring. Monitor well locations are shown in Figure 3.

Survey

A survey of the three (3) monitoring wells TWP-02, TWP-03, and TWP-06 was conducted utilizing a tape measure and depth to water gauge. The Site is relatively flat and depth to groundwater is present at approximately eleven (11) ftbg. Flow of local groundwater is estimated to be to the northeast.

Water Level Measurement

Groundwater samples were collected from TWP-02, TWP-03, and TWP-06 using a portable peristaltic pump and Teflon tubing installed to the water table. Prior to sampling, a minimum of one well volume was purged from each well. Table 2 identifies the groundwater level data for the monitoring wells sampled.

Table 2. Groundwater Level Data

Monitoring Well ID No.	Date	Water Elevation (ftbg)
TWP-02	6/19/2012	11.3 to 11.5
TVP-03	6/19/2012	11.2
TVP-06	6/19/2012	11.2

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted 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 samples were collected from borings SB-01 to SB-06 from the zero (0) to two (2) ftbg interval. Additional soil samples were collected from SB-01 to SB-04 from the ten (10) to twelve (12) ftbg interval. Additional soil samples were collected from the six (6) to eight (8) ftbg interval for SB-05 and from the seven (7) to nine (9) ftbg interval for SB-06. Borings were field screened for visual and olfactory evidence of soil impacts and with a PID.

Twelve (12) soil samples were collected for chemical analysis during this RI. Soil from each sample interval was composited in stainless steel bowls and disposable plastic scoops. Alconox and deionized water were used to clean the stainless steel bowls in between sample. The soil samples collected were logged on a chain of custody. All samples were properly handled and placed into the appropriately labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory

analyses. All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control. Data for soil sample collection and chemical analyses, including dates of collection and sample depths, is reported in Table 3. Figure 3 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Three (3) groundwater samples were collected for chemical analysis during this RI. One (1) sample was collected from each well (TWP-02, TWP-03, and TWP-06). A groundwater sample was then collected from each temporary well utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater sample collection data is reported in Table 3. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Appendix E. The groundwater samples collected were logged on a chain of custody. All samples were properly handled and placed into the appropriately labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control. Figure 3 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Four (4) soil vapor probes were installed and four (4) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 3. Soil vapor sampling was conducted following the advancement of each soil boring (SB-01, SB-02, SB-03 and SB-05) at a depth of ten (10) ftbg. Methodologies used for soil vapor assessment conform to the NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006. A six (6) inch stainless steel implant connected to Teflon tubing was placed into the boring at a depth of eleven (11) ft bg. The area around the screen was backfilled with sand, and the remaining void around the sample tubing was sealed with bentonite. Soil vapor samples were collected using 6-liter batch certified SUMMA canisters over a two (2) hour sampling interval. The regulators were pre-set to allow for a flow rate of approximately fifty (50) millimeters per minute (mL/min). A soil vapor sample was collected using the vacuum from the SUMMA canister. After opening the flow

control valve equipped with a 2-hour regulator, the controller valve was closed and the canister placed in a shipping carton for delivery to the laboratory. Soil vapor sample collection data is reported in Table 3. Figure 3 shows the location of samples collected in this investigation.

Chemical Analysis

Soil samples were submitted for analysis for Target Compound List (TCL) Volatile Organic Compounds (VOCs) using EPA method 8260C, TCL Semi-Volatile Organic Compounds (SVOCs) using EPA method 8270D, Target Analyte List (TAL) Metals using EPA Method 6010C, pesticides using EPA method 8081B, and Poly-Chlorinated Biphenyls (PCBs) using EPA method 8082A.

Groundwater samples were submitted for analysis for Target Compound List (TCL) Volatile Organic Compounds (VOCs) using EPA method 8260C, TCL Semi-Volatile Organic Compounds (SVOCs) using EPA method 8270D, and Target Analyte List (TAL) Metals using EPA Method 6010C.

Soil vapor samples were submitted for analysis for VOCs using EPA Method TO-15. The samples were analyzed by a NYS ELAP certified laboratory and a NYSDOH-certified laboratory for soil vapor analysis.

Table 3. 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	Twelve (12)	VOCs, SVOCs, Metals, Pesticides, PCBs	EPA Method 8260, EPA Method 8270, EPA Series 6000/7000, EPA Method 8082, and EPA Method 8081	None	None
Groundwater	Three (3)	VOCs, SVOCs, Metals (filtered and unfiltered)	EPA Method 8260, EPA Method 8270, and EPA Series 6000/7000	None	None
Soil Vapor	Four (4)	VOCs	TO-15	None	None

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 Mr. Richard August.
Chemical Analytical Laboratory	Chemical analytical laboratory used in the RI is NYS ELAP certified and was York Analytical
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); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix F.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Site conditions as encountered during the RI are presented below.

Stratigraphy

Based on the results of the RI, a layer of fill material exists throughout the Site that consists of light to dark brown sand containing trace brick fragments, gravel, and wood chips to a depth of approximately ten (10) ftbg. Native soil consisting of medium-fine brown sand was observed in each boring (SB-01 to SB-06) from a depth of approximately ten (10) ftbg and below. The groundwater table was present within the native soil present at approximately eleven (11) ftbg. Bedrock was not encountered during this RI.

Hydrogeology

Based on the results of the RI, groundwater was encountered at a depth of approximately eleven (11) to twelve (12) ftbg in TWP-02, TWP-03, and TWP-06 in June 2012. A table of water level data for all monitoring wells sampled is included in Table 2. Based on a review of the USGS map and location of the nearest water body, groundwater is expected to flow from east to west towards the East River, which is located approximately 3,000 feet to the west of the Site.

5.2 Soil Chemistry

Soil/fill samples collected during the RI showed no volatile organic compounds (VOCs) in soil above Track 1 Unrestricted Use SCOs except for acetone which was detected at a maximum concentration of 0.180 ppm, well below its Restricted Residential SCO of 100 ppm. No chlorinated VOCs were detected in any sample, and only trace levels of petroleum-related compounds, including toluene (max 0.089 ppm), ethyl benzene (max 0.017 ppm), and xylenes (max 0.064 ppm) were identified. Several semi-volatile organic compounds (SVOCs) were identified in two soil borings, above Track 2 Restricted Residential SCOs, and including benzo(a)pyrene (max. of 8.81 ppm), benzo(b)fluoranthene (max. of 5.59 ppm), benzo(k)fluoranthene (max. of 6.80 ppm), chrysene (max. of 9.53 ppm), dibenzo(a,h)anthracene (max. of 1.42 ppm) and indeno(1,2,3-c,d)pyrene (max. of 3.09 ppm). These SVOCs are all polycyclic aromatic hydrocarbons (PAHs) and their concentrations are consistent with observations of historic fill. No PCBs were detected above Track 1 Unrestricted Use SCOs in

soil samples. Pesticides including 4,4'-DDD (max. of 5.1 ppb); 4,4'-DDE (max. of 6.2 ppb); and 4,4'-DDT (max. of 22.4 ppb) were detected above Unrestricted Use SCOs, but well below Restricted Residential SCOs. Six metals were detected above Unrestricted Use SCOs, and of these arsenic (max. of 18 ppm), barium (max. of 800 ppm), and lead (max. of 1620 ppm) were detected above Restricted Residential SCOs. Overall, the concentrations of PAHs, metals, and pesticides are consistent with observations of historic fill sites throughout NYC. Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site.

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 4.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed that methylene chloride (max 5.8 ug/L) was the only VOC detected exceeding its NYSDEC Part 703.5 Groundwater Quality Standards (GQS). Methylene chloride is a common laboratory contaminant and was also detected in the laboratory blank. Although several SVOCs had detection limits above GQSs, no SVOCs were detected in any sample. The only metals detected above GQSs in dissolved groundwater samples were manganese and sodium.

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 5.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed chlorinated and petroleum-related VOCs at generally low concentrations. Most compounds were detected at concentrations below 20 µg/m3 except for acetone (max. of 420 µg/m3), hexane (170 µg/m3), xylene (520 µg/m3), ethyltoluene (99 µg/m3) and toluene (730 µg/m3). The chlorinated VOCs 1,1,1 – Trichloroethane (TCA) and Carbon tetrachloride were not detected in any sample. Tetrachloroethylene (PCE) was detected in all four soil vapor samples and ranged from 49 to 140 µg/m3. Similarly, Trichloroethylene (TCE) was reported in the four soil vapor samples and ranged from 1.3 to 25 µg/m3 respectively.

Concentrations of both PCE and TCE fall within their respective monitoring/mitigation ranges established by the NYSDOH Soil Vapor Intrusion matrices. 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 6.

5.5 Prior Activity

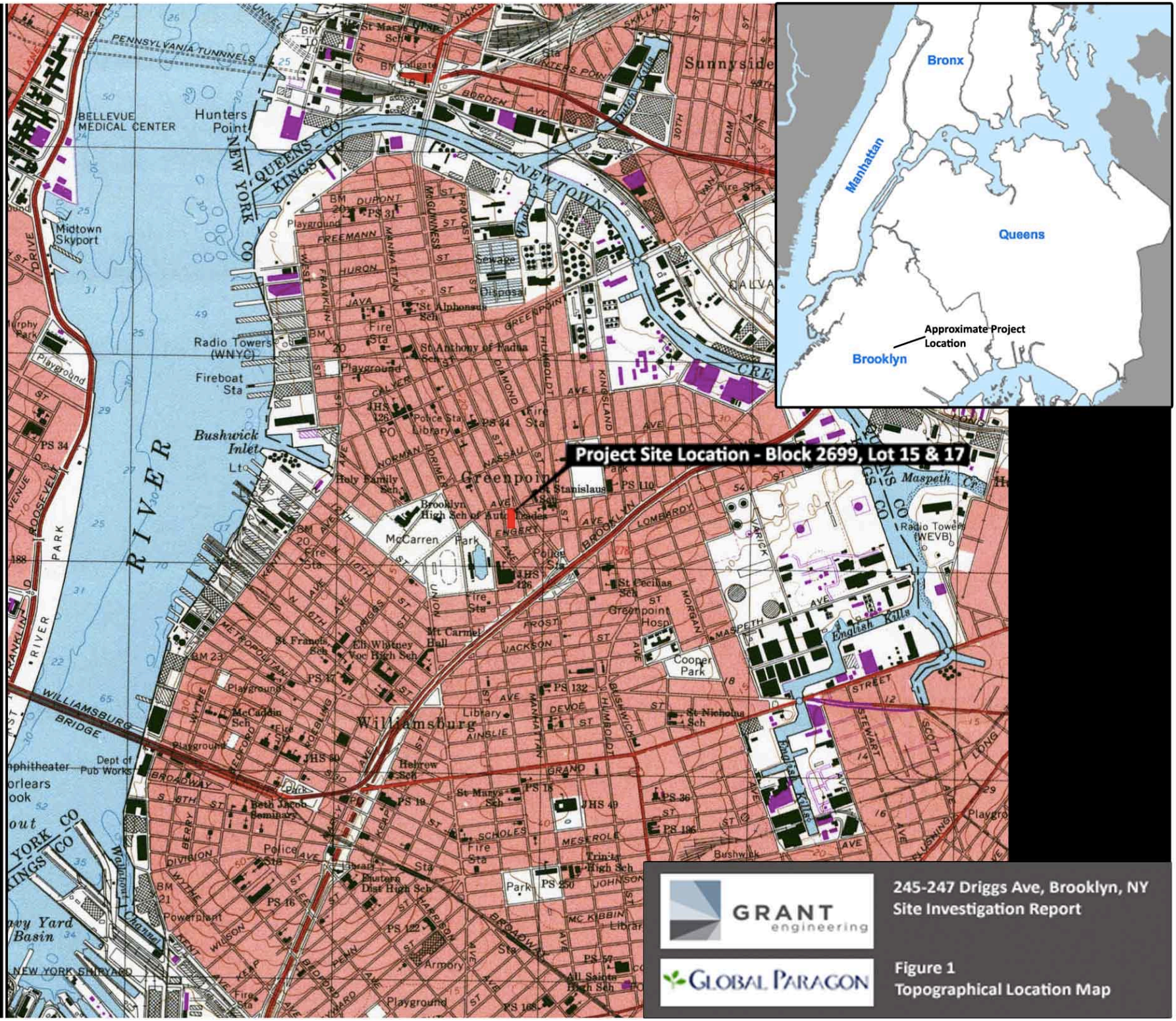
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

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

Site-Specific Standards, Criteria and Guidance

- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- 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)



GRANT engineering

GLOBAL PARAGON

245-247 Driggs Ave, Brooklyn, NY
Site Investigation Report

Figure 1
Topographical Location Map

DRIGGS AV
DRIGGS AV
247 Driggs Ave - Lot 15
245 Driggs Ave - Lot 17
GRAHAM AV
ECKFORD ST
Legend
Approximate Location of Future Building Footprint
Existing Property Boundary:
245 Driggs Avenue
247 Driggs Avenue
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GLOBAL PARAGON
245-247 Driggs Ave, Brooklyn, NY
Site Investigation Report
Figure 2
Site Location Map

DRIGGS AV
DRIGGS AV
247 Driggs Ave - Lot 15
245 Driggs Ave - Lot 17
GRAHAM AV
ECKFORD ST
SB-01
SVP-01
SVP-02
SB-02/TWP-02
SB-04
SVP-03
SB-03/TWP-03
SVP-04
SB-06 / TWP-06
SB-05
10'
17'
17'
18'
45'
40'
25'
7'
45'
10'
13'
25'
23'
30'
45'
43'
25'
20'
12.5'
5.5'
Legend
Soil Boring
Soil Vapor Point
Soil Boring / Temporary Well Point
Approximate Location of Future Building Footprint
Existing Property Boundary:
245 Driggs Avenue
247 Driggs Avenue
GRANT engineering
GLOBAL PARAGON
245-247 Driggs Ave, Brooklyn, NY
Site Investigation Report
Figure 3
Sample Location Map

SOIL ANALYSIS

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential Soil mg/Kg	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	SB-01 A (0-2) 12F0704-11 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-01 B (10-12) 12F0704-12 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-02 A (0-2) 12F0704-06 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-02 B (10-12) 12F0704-07 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-03 A (0-2) 12F0704-13 6/19/2012 3:00:00 PM 20 Soil mg/kg dry		SB-03 B (10.5-12-5) 12F0704-14 6/19/2012 3:00:00 PM 20 Soil mg/kg dry		SB-04 A (0-2) 12F0704-08 6/19/2012 3:00:00 PM 10 Soil mg/kg dry	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, TCL (Target Compound List)		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,1,1-Trichloroethane	71-55-6	100	0.68	0.0023	U	0.0022	U	0.0023	U	0.0025	U	0.0023	U	0.0024	U	0.0022	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0014	U	0.0013	U	0.0014	U	0.0015	U	0.0014	U	0.0014	U	0.0013	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0015	U	0.0014	U	0.0014	U	0.0016	U	0.0014	U	0.0015	U	0.0014	U
1,1,2-Trichloroethane	79-00-5	~	~	0.0015	U	0.0014	U	0.0015	U	0.0016	U	0.0015	U	0.0015	U	0.0014	U
1,1-Dichloroethane	75-34-3	26	0.27	0.0017	U	0.0016	U	0.0016	U	0.0018	U	0.0016	U	0.0017	U	0.0016	U
1,1-Dichloroethylene	75-35-4	100	0.33	0.0033	U	0.0030	U	0.0032	U	0.0034	U	0.0032	U	0.0033	U	0.0031	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0032	U	0.0030	U	0.0032	U	0.0034	U	0.0032	U	0.0033	U	0.0031	U
1,2-Dibromoethane	106-93-4	~	~	0.0017	U	0.0015	U	0.0016	U	0.0018	U	0.0016	U	0.0017	U	0.0016	U
1,2-Dichloroethane	107-06-2	3.1	0.02	0.0016	U	0.0015	U	0.0016	U	0.0017	U	0.0016	U	0.0016	U	0.0015	U
1,2-Dichloropropane	78-87-5	~	~	0.00054	U	0.00050	U	0.00053	U	0.00057	U	0.00053	U	0.00055	U	0.00051	U
2-Butanone	78-93-3	100	0.12	0.0064	U	0.0059	U	0.012	J,D	0.0067	U	0.0062	U	0.0065	U	0.0060	U
2-Hexanone	591-78-6	~	~	0.0021	U	0.0020	U	0.0021	U	0.0023	U	0.0021	U	0.0022	U	0.0020	U
4-Methyl-2-pentanone	108-10-1	~	~	0.0065	U	0.0060	U	0.0063	U	0.0068	U	0.0063	U	0.0066	U	0.0061	U
Acetone	67-64-1	100	0.05	0.021	J,B,D	0.021	B,D	0.065	B,D	0.060	B,D	0.019	J,B,D	0.021	J,B,D	0.18	B,D
Benzene	71-43-2	4.8	0.06	0.0012	U	0.0011	U	0.0011	U	0.0012	U	0.0011	U	0.0012	U	0.0011	U
Bromodichloromethane	75-27-4	~	~	0.0015	U	0.0014	U	0.0015	U	0.0016	U	0.0015	U	0.0016	U	0.0014	U
Bromoform	75-25-2	~	~	0.0014	U	0.0013	U	0.0014	U	0.0015	U	0.0014	U	0.0015	U	0.0014	U
Bromomethane	74-83-9	~	~	0.0031	U	0.0028	U	0.0030	U	0.0032	U	0.0030	U	0.0031	U	0.0029	U
Carbon disulfide	75-15-0	~	~	0.0016	U	0.0015	U	0.0015	U	0.0017	U	0.0015	U	0.0016	U	0.0015	U
Carbon tetrachloride	56-23-5	2.4	0.76	0.0026	U	0.0024	U	0.0025	U	0.0027	U	0.0025	U	0.0026	U	0.0024	U
Chlorobenzene	108-90-7	100	1.1	0.00086	U	0.00080	U	0.00084	U	0.00091	U	0.00084	U	0.00088	U	0.00082	U
Chloroethane	75-00-3	~	~	0.0019	U	0.0017	U	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U
Chloroform	67-66-3	49	0.37	0.00089	U	0.00082	U	0.00086	U	0.00093	U	0.00086	U	0.00090	U	0.00084	U
Chloromethane	74-87-3	~	~	0.0022	U	0.0020	U	0.0021	U	0.0023	U	0.0021	U	0.0022	U	0.0021	U
cis-1,2-Dichloroethylene	156-59-2	100	0.25	0.0024	U	0.0022	U	0.0023	U	0.0025	U	0.0023	U	0.0024	U	0.0022	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00086	U	0.00080	U	0.00084	U	0.00091	U	0.00084	U	0.00088	U	0.00082	U
Dibromochloromethane	124-48-1	~	~	0.0016	U	0.0015	U	0.0016	U	0.0017	U	0.0016	U	0.0017	U	0.0016	U
Dichlorodifluoromethane	75-71-8	~	~	0.0020	U	0.0019	U	0.0020	U	0.0021	U	0.0020	U	0.0021	U	0.0019	U
Ethyl Benzene	100-41-4	41	1	0.00086	U	0.00080	U	0.00084	U	0.00091	U	0.00084	U	0.00088	U	0.00082	U
Methyl tert-butyl ether (MTBE)	1634-04-4	100	0.93	0.00094	U	0.00087	U	0.00091	U	0.00098	U	0.00091	U	0.00095	U	0.00089	U
Methylene chloride	75-09-2	100	0.05	0.022	J,B,D	0.019	J,B,D	0.023	B,D	0.026	B,D	0.034	B,D	0.019	J,B,D	0.026	B,D
o-Xylene	95-47-6	~	~	0.0012	U	0.0011	U	0.0012	U	0.0013	U	0.0012	U	0.0013	U	0.0021	J,D
p- & m- Xylenes	1330-20-7P/M	~	~	0.0014	U	0.0013	U	0.0013	U	0.0014	U	0.0024	J,D	0.0014	U	0.0058	J,D
Styrene	100-42-5	~	~	0.0011	U	0.00098	U	0.0010	U	0.0011	U	0.0010	U	0.0011	U	0.0010	U
Tetrachloroethylene	127-18-4	19	1.3	0.0013	U	0.0012	U	0.0012	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U
Toluene	108-88-3	100	0.7	0.00057	U	0.00052	U	0.00055	U	0.00060	U	0.024	D	0.00058	U	0.045	D
trans-1,2-Dichloroethylene	156-60-5	~	~	0.0016	U	0.0015	U	0.0016	U	0.0017	U	0.0016	U	0.0016	U	0.0015	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0017	U	0.0015	U	0.0016	U	0.0018	U	0.0016	U	0.0017	U	0.0016	U
Trichloroethylene	79-01-6	21	0.47	0.0014	U	0.0013	U	0.0014	U	0.0015	U	0.0014	U	0.0014	U	0.0013	U
Trichlorofluoromethane	75-69-4	~	~	0.0022	U	0.0021	U	0.0022	U	0.0024	U	0.0022	U	0.0023	U	0.0021	U
Vinyl Chloride	75-01-4	0.9	0.02	0.0024	U	0.0022	U	0.0023	U	0.0025	U	0.0023	U	0.0024	U	0.0023	U
Xylenes, Total	1330-20-7	100	0.26	0.0014	U	0.0013	U	0.0013	U	0.0014	U	0.0024	J,D	0.0014	U	0.0080	J,D
Semi-Volatiles, EPA TCL List		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,2,4-Trichlorobenzene	120-82-1	~	~	0.104	U	0.0959	U	0.503	U	0.109	U	2.01	U	2.11	U	0.0982	U
1,2-Dichlorobenzene	95-50-1	100	1.1	0.0831	U	0.0770	U	0.403	U	0.0875	U	1.61	U	1.69	U	0.0788	U
1,3-Dichlorobenzene	541-73-1	49	2.4	0.0905	U	0.0838	U	0.439	U	0.0952	U	1.76	U	1.84	U	0.0858	U
1,4-Dichlorobenzene	106-46-7	13	1.8	0.0651	U	0.0603	U	0.316	U	0.0686	U	1.26	U	1.33	U	0.0618	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0517	U	0.0478	U	0.251	U	0.0544	U	1.00	U	1.05	U	0.0490	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0929	U	0.0860	U	0.451	U	0.0978	U	1.80	U	1.89	U	0.0881	U
2,4-Dichlorophenol	120-83-2	~	~	0.0776	U	0.0718	U	0.376	U	0.0817	U	1.51	U	1.58	U	0.0736	U
2,4-Dimethylphenol	105-67-9	~	~	0.0609	U	0.0564	U	0.296	U	0.0641	U	1.18	U	1.24	U	0.0578	U
2,4-Dinitrophenol	51-28-5	~	~	0.160	U	0.148	U	0.774	U	0.168	U	3.10	U	3.25	U	0.151	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0831	U	0.0770	U	0.403	U	0.0875	U	1.61	U	1.69	U	0.0788	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0905	U	0.0838	U	0.439	U	0.0952	U	1.76	U	1.84	U	0.0858	U
2-Chloronaphthalene	91-58-7	~	~	0.0580	U	0.0537	U	0.281	U	0.0610	U	1.13	U	1.18	U	0.0550	U
2-Chlorophenol	95-57-8	~	~	0.111	U	0.102	U	0.537	U	0.116	U	2.15	U	2.25	U	0.105	U
2-Methylnaphthalene	91-57-6	~	~	0.0662	U	0.0613	U	0.321	U	0.0696	U	1.28	U	1.65	J,D	0.0627	U
2-Methylphenol	95-48-7	100	0.33	0.0699	U	0.0647	U	0.339	U	0.0735	U	1.36	U	1.42	U	0.0663	U
2-Nitroaniline	88-74-4	~	~	0.0986	U	0.0913	U	0.479	U	0.104	U	1.91	U	2.01	U	0.0935	U
2-Nitrophenol	88-75-5	~	~	0.0651	U	0.0603	U	0.316	U	0.0686	U	1.26	U	1.33	U	0.0618	U
3,3'-Dichlorobenzidine	91-94-1	~	~	0.0479	U	0.0443	U	0.232	U	0.0504	U	0.929	U	0.974	U	0.0454	U
3- & 4-Methylphenols	100-01-6	~	~	0.0855	U	0.0791	U	0.415	U	0.0899	U	1.66	U	1.74	U	0.0810	U
3-Nitroaniline	99-09-2	~	~	0.0689	U	0.0638	U	0.334	U	0.0725	U	1.34	U	1.40	U	0.0653	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.144	U	0.133	U	0.697	U	0.151	U	2.79	U	2.92	U	0.136	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0792	U	0.0733	U	0.384	U	0.0834	U	1.54	U	1.61	U	0.0751	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0205	U	0.0190	U	0.0993	U	0.0215	U	0.397	U	0.417	U	0.0194	U
4-Chloroaniline	106-47-8	~	~	0.0750	U	0.0694	U	0.364	U	0.0789	U	1.46	U	1.53	U	0.0711	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0548	U	0.0507	U	0.266	U	0.0576	U	1.06	U	1.11	U	0.0519	U
4-Nitroaniline	100-02-7	~	~	0.0631	U	0.0584	U	0.306	U	0.0664	U	1.22	U	1.28	U	0.0598	U
4-Nitrophenol	56-57-5	~	~	0.0687	U	0.0636	U	0.333	U	0.0723	U	1.33	U	1.40	U	0.0652	U
Acenaphthene	83-32-9	100	20	0.110	U	0.102	U	0.534	U	0.116	U	2.14	U	2.90	J,D	0.104	U
Acenaphthylene	208-96-8	100	~	0.0532	U	0.0493	U	0.258	U	0.0560	U	1.03	U	1.08	U	0.0505	U
Anthracene	120-12-7	100	100	0.0927	J	0.0436	U	0.228	U	0.0496	U	1.00	J,D	7.20	D	0.0616	J
Benzo(a)anthracene	56-55-3	1	1	0.335		0.0680	U	0.439	J,D	0.0773	U	1.43	U	1.50	U	0.0697	U
Benzo(a)pyrene	50-32-8	1	1	0.487		0.0458	U	0.603	J,D	0.0521	U	4.19	D	8.81	D	0.345	
Benzo(b)fluoranthene	205-99-2	1	1	0.411		0.0669	U	0.558	J,D	0.0761	U	4.00	D	5.59	D	0.234	
Benzo(g,h,i)perylene	191-24-2	100	100	0.0798	J	0.0529	U	0.277	U	0.0601	U	3.13	J,D	3.50	J,D	0.106	J
Benzo(k)fluoranthene	207-08-9	3.9	0.8	0.503		0.0681	U	0.521	J,D	0.0774	U	3.97	D	6.80	D	0.349	
Benzoic acid	65-85-0	~	~	0.130	U	0.120	U	0.630	U	0.137	U	2.52	U	2.64	U	0.123	U
Benzyl alcohol	100-51-6	~	~	0.0615	U	0.0569	U	0.298	U	0.0647	U	1.19	U	1.25	U	0.0583	U
Benzyl butyl phthalate	85-68-7	~	~	0.0792	U	0.0734	U	0.384	U	0.0834	U	1.54	U	1.61	U	0.0751	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0700	U	0.0648	U	0.340	U	0.0737	U	1.36	U	1.43	U	0.0664	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0645	U	0.0597	U	0.313	U	0.0679	U	1.25	U	1.31	U	0.0612	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0706	U	0.0653	U	0.342	U	0.0742	U	1.37	U	1.44	U	0.0669	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.409		0.0589	U	0.309	U	0.0669	U	1.23	U	1.29	U	0.0793	J
Chrysene	218-01-9	3.9	1	0.338		0.0709	U	0.470	J,D	0.0806	U	5.32	D	9.53	D	0.265	
Di-n-butyl phthalate	84-74-2	~	~	0.0567	U	0.0525	U	0.275	U	0.0597	U	1.10	U	1.15	U	0.0538	U
Di-n-octyl phthalate	117-84-0	~	~	0.0855	U	0.0791	U	0.415	U	0.0899	U	1.66	U	1.74	U	0.0810	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0680	J	0.0444	U	0.233	U	0.0505	U	1.32	J,D	1.42	J,D	0.0555	J
Dibenzofuran	132-64-9	59	7	0.0613	U	0.0568	U	0.297	U	0.0645	U	1.19	U	2.27	J,D	0.0581	U
Diethyl phthalate	84-66-2	~	~	0.0997	U	0.0923	U	0.484	U	0.105	U	1.93	U	2.03	U	0.0946	U
Dimethyl phthalate	131-11-3	~	~	0.0548	U	0.0507	U	0.266	U	0.0576	U	1.06	U	1.11	U	0.0519	U
Fluoranthene	206-44-0	100	100	0.594		0.102	U	0.923	D	0.116	U	8.67	D	22.1	D	0.489	
Fluorene	86-73-7	100	30	0.0532	U	0.0493	U	0.258	U	0.0560	U	1.03	U	3.43	J,D	0.0505	U
Hexachlorobenzene	118-74-1	1.2	0.33	0.0310	U	0.0287	U	0.150	U	0.0326	U	0.601	U	0.630	U	0.0294	U
Hexachlorobutadiene	87-68-3	~	~	0.0760	U	0.0704	U	0.369	U	0.0800	U	1.47	U	1.55	U	0.0721	U

SOIL ANALYSIS

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential Soil mg/Kg	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	SB-01 A (0-2) 12F0704-11 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-01 B (10-12) 12F0704-12 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-02 A (0-2) 12F0704-06 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-02 B (10-12) 12F0704-07 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-03 A (0-2) 12F0704-13 6/19/2012 3:00:00 PM 20 Soil mg/kg dry		SB-03 B (10.5-12-5) 12F0704-14 6/19/2012 3:00:00 PM 20 Soil mg/kg dry		SB-04 A (0-2) 12F0704-08 6/19/2012 3:00:00 PM 10 Soil mg/kg dry	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Hexachlorocyclopentadiene	77-47-4	~	~	0.141	U	0.131	U	0.685	U	0.149	U	2.74	U	2.88	U	0.134	U
Hexachloroethane	67-72-1	~	~	0.0683	U	0.0633	U	0.331	U	0.0719	U	1.33	U	1.39	U	0.0648	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.0881	J	0.0648	U	0.340	U	0.0737	U	2.51	J,D	3.09	J,D	0.115	J
Isophorone	78-59-1	~	~	0.0706	U	0.0653	U	0.342	U	0.0742	U	1.37	U	1.44	U	0.0669	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0496	U	0.0459	U	0.241	U	0.0522	U	0.962	U	1.01	U	0.0470	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.110	U	0.102	U	0.534	U	0.116	U	2.14	U	2.24	U	0.104	U
Naphthalene	91-20-3	100	12	0.0567	U	0.0525	U	0.275	U	0.0597	U	1.10	U	3.65	J,D	0.0538	U
Nitrobenzene	98-95-3	~	~	0.0855	U	0.0791	U	0.415	U	0.0899	U	1.66	U	1.74	U	0.0810	U
Pentachlorophenol	87-86-5	6.7	0.8	0.0532	U	0.0493	U	0.258	U	0.0560	U	1.03	U	1.08	U	0.0505	U
Phenanthrene	85-01-8	100	100	0.0999	J	0.0649	U	0.577	J,D	0.0738	U	3.29	J,D	30.6	D	0.192	
Phenol	108-95-2	100	0.33	0.0760	U	0.0704	U	0.369	U	0.0800	U	1.47	U	1.55	U	0.0721	U
Pyrene	129-00-0	100	100	0.769		0.0631	U	0.951	D	0.0717	U	7.22	D	22.7	D	0.553	
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	
4,4'-DDD	72-54-8	13	0.0033	0.00168	U	0.00155	U	0.00386	D	0.00176	U	0.00163	U	0.00170	U	0.00159	U
4,4'-DDE	72-55-9	8.9	0.0033	0.00215	U	0.00199	U	0.00270	J,D	0.00227	U	0.00209	U	0.00219	U	0.00204	U
4,4'-DDT	50-29-3	7.9	0.0033	**0.00539**	D	0.00156	U	0.00693	D	0.00177	U	0.00164	U	0.00172	U	0.00160	U
Aldrin	309-00-2	0.097	0.005	0.00240	U	0.00223	U	0.00233	U	0.00253	U	0.00233	U	0.00245	U	0.00228	U
alpha-BHC	319-84-6	0.48	0.02	0.00284	U	0.00263	U	0.00275	U	0.00299	U	0.00275	U	0.00289	U	0.00269	U
Aroclor 1016	12674-11-2	~	~	0.00900	U	0.00833	U	0.00873	U	0.00947	U	0.00873	U	0.00916	U	0.00854	U
Aroclor 1221	11104-28-2	~	~	0.00900	U	0.00833	U	0.00873	U	0.00947	U	0.00873	U	0.00916	U	0.00854	U
Aroclor 1232	11141-16-5	~	~	0.00900	U	0.00833	U	0.00873	U	0.00947	U	0.00873	U	0.00916	U	0.00854	U
Aroclor 1242	53469-21-9	~	~	0.00900	U	0.00833	U	0.00873	U	0.00947	U	0.00873	U	0.00916	U	0.00854	U
Aroclor 1248	12672-29-6	~	~	0.00900	U	0.00833	U	0.00873	U	0.00947	U	0.00873	U	0.00916	U	0.00854	U
Aroclor 1254	11097-69-1	~	~	0.00775	U	0.00717	U	0.0264		0.00815	U	0.0371		0.00789	U	0.00735	U
Aroclor 1260	11096-82-5	~	~	0.00775	U	0.00717	U	0.00752	U	0.00815	U	0.00752	U	0.00789	U	0.00735	U
beta-BHC	319-85-7	0.36	0.036	0.00237	U	0.00219	U	0.00230	U	0.00249	U	0.00230	U	0.00241	U	0.00225	U
Chlordane, total	57-74-9	~	0.094	0.0150	U	0.0139	U	0.0811	D	0.0158	U	0.0146	U	0.0153	U	0.0143	U
delta-BHC	319-86-8	100	0.04	0.00205	U	0.00190	U	0.00199	U	0.00216	U	0.00199	U	0.00209	U	0.00195	U
Dieldrin	60-57-1	0.2	0.005	0.00222	U	0.00206	U	0.00216	U	0.00234	U	0.00216	U	0.00226	U	0.00211	U
Endosulfan I	959-98-8	24	2.4	0.00182	U	0.00169	U	0.00177	U	0.00192	U	0.00177	U	0.00186	U	0.00173	U
Endosulfan II	33213-65-9	24	2.4	0.00230	U	0.00213	U	0.00223	U	0.00242	U	0.00223	U	0.00234	U	0.00218	U
Endosulfan sulfate	1031-07-8	24	2.4	0.00193	U	0.00178	U	0.00187	U	0.00203	U	0.00187	U	0.00196	U	0.00183	U
Endrin	72-20-8	11	0.014	0.00228	U	0.00211	U	0.00221	U	0.00240	U	0.00221	U	0.00232	U	0.00216	U
Endrin aldehyde	7421-93-4	~	~	0.00253	U	0.00234	U	0.00245	U	0.00266	U	0.00245	U	0.00257	U	0.00240	U
Endrin ketone	53494-70-5	~	~	0.00165	U	0.00153	U	0.00160	U	0.00174	U	0.00160	U	0.00168	U	0.00157	U
gamma-BHC (Lindane)	58-89-9	1.3	0.1	0.00261	U	0.00242	U	0.00253	U	0.00275	U	0.00253	U	0.00266	U	0.00247	U
Heptachlor	76-44-8	2.1	0.042	0.00300	U	0.00277	U	0.00291	U	0.00315	U	0.00291	U	0.00305	U	0.00284	U
Heptachlor epoxide	1024-57-3	~	~	0.00165	U	0.00153	U	0.00160	U	0.00174	U	0.00160	U	0.00168	U	0.00157	U
Methoxychlor	72-43-5	~	~	0.00970	U	0.00898	U	0.00941	U	0.0102	U	0.00941	U	0.00987	U	0.00920	U
Total PCBs	1336-36-3	1	0.1	0.00775	U	0.00717	U	0.0264		0.00815	U	0.0371		0.00789	U	0.00735	U
Toxaphene	8001-35-2	~	~	0.190	U	0.176	U	0.185	U	0.200	U	0.185	U	0.194	U	0.180	U
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	
Aluminum	7429-90-5	~	~	6760		4880		5570		15300		8360		6650		4640	
Antimony	7440-36-0	~	~	0.160	U	0.148	U	4.82		0.168	U	0.155	U	0.684		0.151	U
Arsenic	7440-38-2	16	13	5.52		0.200	U	18.2		4.72		9.26		8.08		5.58	
Barium	7440-39-3	400	350	85.0		27.5		800		44.9		149		174		120	
Beryllium	7440-41-7	72	7.2	0.009	U	0.008	U	0.009	U	0.010	U	0.009	U	0.009	U	0.009	U
Cadmium	7440-43-9	4.3	2.5	0.148	U	0.137	U	2.48		0.156	U	0.144	U	1.83		0.140	U
Calcium	7440-70-2	~	~	12400		499		20800		1560		12600		5720		31800	
Chromium	7440-47-3	~	~	13.3		11.7		29.8		18.5		19.1		25.4		10.4	
Cobalt	7440-48-4	~	~	5.49		4.54		7.83		8.25		6.43		6.52		3.99	
Copper	7440-50-8	270	50	83.2		9.98		233		10.1		208		64.6		51.9	
Iron	7439-89-6	~	~	14300	E	23500	E	25000	E	26200	E	21100	E	37100	E	12300	E
Lead	7439-92-1	400	63	184		5.41		1620		10.3		246		256		227	
Magnesium	7439-95-4	~	~	3540		1340		4490		3350		2790		2180		17200	
Manganese	7439-96-5	2000	1600	244		413		337		245		399		306		266	
Nickel	7440-02-0	310	30	16.4		14.4		32.2		22.4		24.2		24.2		13.9	
Potassium	7440-09-7	~	~	775		560		898		923		1020		828		717	
Selenium	7782-49-2	180	3.9	0.240	U	0.223	U	0.611		0.253	U	0.233	U	0.245	U	0.228	U
Silver	7440-22-4	180	2	0.103	U	0.095	U	0.100	U	0.108	U	0.100	U	0.104	U	0.097	U
Sodium	7440-23-5	~	~	7.66	U	7.09	U	7.43	U	8.06	U	7.43	U	7.79	U	43.9	
Thallium	7440-28-0	~	~	0.217	U	0.200	U	0.210	U	0.228	U	0.210	U	0.220	U	0.205	U
Vanadium	7440-62-2	~	~	23.1		23.1		57.6		27.9		37.8		25.5		17.6	
Zinc	7440-66-6	10000	109	124		19.9		1310	E	42.7		253		803		151	
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	
Mercury	7439-97-6	0.81	0.81	0.111	U	0.102	U	0.107	U	0.116	U	0.107	U	0.112	U	0.105	U
Total Solids		%	%	%		%		%		%		%		%		%	
% Solids	solids	~	~	87.8		94.8		90.4		83.4		90.4		86.2		92.5	

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

DISCLAIMER:
York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

SOIL ANALYSIS

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential Soil mg/Kg	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	SB-04 B (10-11.5) 12F0704-09 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-05 A (0-2) 12F0704-15 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-05 B (6-8) 12F0704-16 6/19/2012 3:00:00 PM 10 Soil %		SB-06 Sample#1 (0-2) 12F0704-01 6/19/2012 3:00:00 PM 2 Soil mg/kg dry		SB-06 Sample (0-2) 12F0704-02 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-06 Sample#2 (7-9) 12F0704-03 6/19/2012 3:00:00 PM 2 Soil mg/kg dry		SB-06 #2 (7-9) 12F0704-04 6/19/2012 3:00:00 PM 10 Soil mg/kg dry	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, TCL (Target Compound List)		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,1,1-Trichloroethane	71-55-6	100	0.68	0.0025	U	0.0023	U	0.0025	U	0.0023	U	NT		0.0023	U	NT	
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0015	U	0.0014	U	0.0015	U	0.0014	U	NT		0.0014	U	NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0016	U	0.0015	U	0.0016	U	0.0015	U	NT		0.0015	U	NT	
1,1,2-Trichloroethane	79-00-5	~	~	0.0016	U	0.0015	U	0.0016	U	0.0015	U	NT		0.0015	U	NT	
1,1-Dichloroethane	75-34-3	26	0.27	0.0018	U	0.0017	U	0.0018	U	0.0017	U	NT		0.0017	U	NT	
1,1-Dichloroethylene	75-35-4	100	0.33	0.0035	U	0.0032	U	0.0035	U	0.0033	U	NT		0.0032	U	NT	
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0013	U	0.0012	U	0.0013	U	0.0012	U	NT		0.0012	U	NT	
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0035	U	0.0032	U	0.0035	U	0.0033	U	NT		0.0032	U	NT	
1,2-Dibromoethane	106-93-4	~	~	0.0018	U	0.0017	U	0.0018	U	0.0017	U	NT		0.0017	U	NT	
1,2-Dichloroethane	107-06-2	3.1	0.02	0.0017	U	0.0016	U	0.0017	U	0.0016	U	NT		0.0016	U	NT	
1,2-Dichloropropane	78-87-5	~	~	0.00058	U	0.00054	U	0.00059	U	0.00054	U	NT		0.00053	U	NT	
2-Butanone	78-93-3	100	0.12	0.0086	J,D	0.0063	U	0.0069	U	0.0097	J,D	NT		0.0063	U	NT	
2-Hexanone	591-78-6	~	~	0.0023	U	0.0021	U	0.0023	U	0.0021	U	NT		0.0021	U	NT	
4-Methyl-2-pentanone	108-10-1	~	~	0.0069	U	0.0064	U	0.0070	U	0.0065	U	NT		0.0064	U	NT	
Acetone	67-64-1	100	0.05	0.044	B,D	0.021	J,B,D	0.027	B,D	0.13	B,D	NT		0.057	B,D	NT	
Benzene	71-43-2	4.8	0.06	0.0013	U	0.0012	U	0.0013	U	0.0012	U	NT		0.0012	U	NT	
Bromodichloromethane	75-27-4	~	~	0.0016	U	0.0015	U	0.0017	U	0.0015	U	NT		0.0015	U	NT	
Bromoform	75-25-2	~	~	0.0015	U	0.0014	U	0.0015	U	0.0014	U	NT		0.0014	U	NT	
Bromomethane	74-83-9	~	~	0.0033	U	0.0030	U	0.0033	U	0.0031	U	NT		0.0030	U	NT	
Carbon disulfide	75-15-0	~	~	0.0017	U	0.0016	U	0.0017	U	0.0016	U	NT		0.0016	U	NT	
Carbon tetrachloride	56-23-5	2.4	0.76	0.0027	U	0.0025	U	0.0028	U	0.0026	U	NT		0.0025	U	NT	
Chlorobenzene	108-90-7	100	1.1	0.00092	U	0.00085	U	0.00093	U	0.00086	U	NT		0.00085	U	NT	
Chloroethane	75-00-3	~	~	0.0020	U	0.0019	U	0.0020	U	0.0019	U	NT		0.0018	U	NT	
Chloroform	67-66-3	49	0.37	0.00095	U	0.00088	U	0.00096	U	0.00089	U	NT		0.00087	U	NT	
Chloromethane	74-87-3	~	~	0.0023	U	0.0022	U	0.0024	U	0.0022	U	NT		0.0022	U	NT	
cis-1,2-Dichloroethylene	156-59-2	100	0.25	0.0025	U	0.0023	U	0.0026	U	0.0024	U	NT		0.0023	U	NT	
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00092	U	0.00085	U	0.00093	U	0.00086	U	NT		0.00085	U	NT	
Dibromochloromethane	124-48-1	~	~	0.0018	U	0.0016	U	0.0018	U	0.0017	U	NT		0.0016	U	NT	
Dichlorodifluoromethane	75-71-8	~	~	0.0022	U	0.0020	U	0.0022	U	0.0021	U	NT		0.0020	U	NT	
Ethyl Benzene	100-41-4	41	1	0.00092	U	0.00085	U	0.00093	U	0.017	D	NT		0.00085	U	NT	
Methyl tert-butyl ether (MTBE)	1634-04-4	100	0.93	0.0010	U	0.00093	U	0.0010	U	0.00094	U	NT		0.00092	U	NT	
Methylene chloride	75-09-2	100	0.05	0.027	B,D	0.022	J,B,D	0.026	B,D	0.027	B,D	NT		0.025	B,D	NT	
o-Xylene	95-47-6	~	~	0.0013	U	0.0012	U	0.0013	U	0.015	D	NT		0.0012	U	NT	
p- & m- Xylenes	1330-20-7P/M	~	~	0.0014	U	0.0013	U	0.0015	U	0.049	D	NT		0.0013	U	NT	
Styrene	100-42-5	~	~	0.0011	U	0.0010	U	0.0011	U	0.0011	U	NT		0.0010	U	NT	
Tetrachloroethylene	127-18-4	19	1.3	0.0014	U	0.0013	U	0.0014	U	0.0013	U	NT		0.0013	U	NT	
Toluene	108-88-3	100	0.7	0.00061	U	0.011	D	0.00061	U	0.089	D	NT		0.00056	U	NT	
trans-1,2-Dichloroethylene	156-60-5	~	~	0.0017	U	0.0016	U	0.0017	U	0.0016	U	NT		0.0016	U	NT	
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0018	U	0.0017	U	0.0018	U	0.0017	U	NT		0.0017	U	NT	
Trichloroethylene	79-01-6	21	0.47	0.0015	U	0.0014	U	0.0015	U	0.0014	U	NT		0.0014	U	NT	
Trichlorofluoromethane	75-69-4	~	~	0.0024	U	0.0022	U	0.0024	U	0.0022	U	NT		0.0022	U	NT	
Vinyl Chloride	75-01-4	0.9	0.02	0.0026	U	0.0024	U	0.0026	U	0.0024	U	NT		0.0024	U	NT	
Xylenes, Total	1330-20-7	100	0.26	0.0014	U	0.0013	U	0.0015	U	0.064	D	NT		0.0013	U	NT	
Semi-Volatiles, EPA TCL List		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,2,4-Trichlorobenzene	120-82-1	~	~	0.111	U	1.02	U	1.12	U	NT		0.518	U	NT		0.105	U
1,2-Dichlorobenzene	95-50-1	100	1.1	0.0889	U	0.822	U	0.900	U	NT		0.416	U	NT		0.0841	U
1,3-Dichlorobenzene	541-73-1	49	2.4	0.0967	U	0.895	U	0.980	U	NT		0.453	U	NT		0.0915	U
1,4-Dichlorobenzene	106-46-7	13	1.8	0.0697	U	0.644	U	0.706	U	NT		0.326	U	NT		0.0659	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0552	U	0.511	U	0.559	U	NT		0.258	U	NT		0.0523	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0994	U	0.919	U	1.01	U	NT		0.465	U	NT		0.0940	U
2,4-Dichlorophenol	120-83-2	~	~	0.0830	U	0.767	U	0.840	U	NT		0.388	U	NT		0.0785	U
2,4-Dimethylphenol	105-67-9	~	~	0.0651	U	0.603	U	0.660	U	NT		0.305	U	NT		0.0616	U
2,4-Dinitrophenol	51-28-5	~	~	0.171	U	1.58	U	1.73	U	NT		0.798	U	NT		0.161	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0889	U	0.822	U	0.900	U	NT		0.416	U	NT		0.0841	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0967	U	0.895	U	0.980	U	NT		0.453	U	NT		0.0915	U
2-Chloronaphthalene	91-58-7	~	~	0.0620	U	0.574	U	0.628	U	NT		0.290	U	NT		0.0587	U
2-Chlorophenol	95-57-8	~	~	0.118	U	1.09	U	1.20	U	NT		0.553	U	NT		0.112	U
2-Methylnaphthalene	91-57-6	~	~	0.0707	U	0.654	U	0.716	U	NT		0.331	U	NT		0.0669	U
2-Methylphenol	95-48-7	100	0.33	0.0747	U	0.691	U	0.757	U	NT		0.350	U	NT		0.0707	U
2-Nitroaniline	88-74-4	~	~	0.105	U	0.976	U	1.07	U	NT		0.493	U	NT		0.0998	U
2-Nitrophenol	88-75-5	~	~	0.0697	U	0.644	U	0.706	U	NT		0.326	U	NT		0.0659	U
3,3'-Dichlorobenzidine	91-94-1	~	~	0.0512	U	0.473	U	0.518	U	NT		0.239	U	NT		0.0484	U
3- & 4-Methylphenols	100-01-6	~	~	0.0914	U	0.845	U	0.925	U	NT		0.428	U	NT		0.0865	U
3-Nitroaniline	99-09-2	~	~	0.0736	U	0.681	U	0.746	U	NT		0.345	U	NT		0.0697	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.154	U	1.42	U	1.55	U	NT		0.718	U	NT		0.145	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0847	U	0.784	U	0.858	U	NT		0.396	U	NT		0.0802	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0219	U	0.202	U	0.222	U	NT		0.102	U	NT		0.0207	U
4-Chloroaniline	106-47-8	~	~	0.0802	U	0.742	U	0.812	U	NT		0.375	U	NT		0.0759	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0585	U	0.542	U	0.593	U	NT		0.274	U	NT		0.0554	U
4-Nitroaniline	100-02-7	~	~	0.0674	U	0.624	U	0.683	U	NT		0.316	U	NT		0.0638	U
4-Nitrophenol	56-57-5	~	~	0.0735	U	0.680	U	0.744	U	NT		0.344	U	NT		0.0695	U
Acenaphthene	83-32-9	100	20	0.118	U	1.09	U	1.19	U	NT		0.551	U	NT		0.111	U
Acenaphthylene	208-96-8	100	~	0.0569	U	0.526	U	0.576	U	NT		0.266	U	NT		0.0538	U
Anthracene	120-12-7	100	100	0.0504	U	0.575	J,D	1.87	J,D	NT		0.236	U	NT		0.0476	U
Benzo(a)anthracene	56-55-3	1	1	0.0786	U	0.727	U	0.796	U	NT		0.368	U	NT		0.0743	U
Benzo(a)pyrene	50-32-8	1	1	0.0530	U	3.48	D	5.78	D	NT		0.447	J,D	NT		0.0501	U
Benzo(b)fluoranthene	205-99-2	1	1	0.0773	U	2.81	D	4.38	D	NT		0.362	U	NT		0.0731	U
Benzo(g,h,i)perylene	191-24-2	100	100	0.0611	U	0.755	J,D	1.42	J,D	NT		0.308	J,D	NT		0.0578	U
Benzo(k)fluoranthene	207-08-9	3.9	0.8	0.0786	U	3.32	D	4.76	D	NT		0.382	J,D	NT		0.0744	U
Benzoic acid	65-85-0	~	~	0.139	U	1.28	U	1.41	U	NT		0.650	U	NT		0.131	U
Benzyl alcohol	100-51-6	~	~	0.0657	U	0.608	U	0.666	U	NT		0.308	U	NT		0.0622	U
Benzyl butyl phthalate	85-68-7	~	~	0.0847	U	5.59	D	0.858	U	NT		0.396	U	NT		0.0802	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0749	U	0.693	U	0.758	U	NT		0.350	U	NT		0.0709	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0690	U	0.638	U	0.699	U	NT		0.323	U	NT		0.0653	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0754	U	0.698	U	0.764	U	NT		0.353	U	NT		0.0714	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0680	U	0.748	J,D	0.689	U	NT		0.318	U	NT		0.0643	U
Chrysene	218-01-9	3.9	1	0.0819	U	2.52	D	0.829	U	NT		0.383	U	NT		0.0775	U
Di-n-butyl phthalate	84-74-2	~	~	0.0607	U	0.561	U	0.614	U	NT		0.284	U	NT		0.0574	U
Di-n-octyl phthalate	117-84-0	~	~	0.0914	U	0.845	U	0.925	U	NT		0.428	U	NT		0.0865	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0513	U	0.475	U	0.880	J,D	NT		0.240	U	NT		0.0486	U
Dibenzofuran	132-64-9	59	7	0.0656	U	0.606	U	0.664	U	NT		0.307	U	NT		0.0620	U
Diethyl phthalate	84-66-2	~	~	0.107	U	0.986	U	1.08	U	NT		0.499	U	NT		0.101	U
Dimethyl phthalate	131-11-3	~	~	0.0585	U	0.542	U	0.593	U	NT		0.274	U	NT		0.0554	U
Fluoranthene	206-44-0	100	100	0.118	U	4.63	D	8.71	D	NT		0.557	J,D	NT		0.111	U
Fluorene	86-73-7	100	30	0.0569	U	0.526	U	0.584	J,D	NT		0.266	U	NT		0.0538	U
Hexachlorobenzene	118-74-1	1.2	0.33	0.0331	U	0.306	U	0.335	U	NT		0.155	U	NT		0.0313	U
Hexachlorobutadiene	87-68-3	~	~	0.0813	U	0.752	U	0.823	U	NT		0.380	U	NT		0.0769	U

SOIL ANALYSIS

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential Soil mg/Kg	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	SB-04 B (10-11.5) 12F0704-09 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-05 A (0-2) 12F0704-15 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-05 B (6-8) 12F0704-16 6/19/2012 3:00:00 PM 10 Soil %		SB-06 Sample#1 (0-2) 12F0704-01 6/19/2012 3:00:00 PM 2 Soil mg/kg dry		SB-06 Sample (0-2) 12F0704-02 6/19/2012 3:00:00 PM 10 Soil mg/kg dry		SB-06 Sample#2 (7-9) 12F0704-03 6/19/2012 3:00:00 PM 2 Soil mg/kg dry		SB-06 #2 (7-9) 12F0704-04 6/19/2012 3:00:00 PM 10 Soil mg/kg dry	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Hexachlorocyclopentadiene	77-47-4	~	~	0.151	U	1.40	U	1.53	U	NT		0.707	U	NT		0.143	U
Hexachloroethane	67-72-1	~	~	0.0731	U	0.676	U	0.740	U	NT		0.342	U	NT		0.0691	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.0749	U	0.838	J,D	1.62	J,D	NT		0.350	U	NT		0.0709	U
Isophorone	78-59-1	~	~	0.0754	U	0.698	U	0.764	U	NT		0.353	U	NT		0.0714	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0530	U	0.490	U	0.537	U	NT		0.248	U	NT		0.0502	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.118	U	1.09	U	1.19	U	NT		0.551	U	NT		0.111	U
Naphthalene	91-20-3	100	12	0.0607	U	0.561	U	0.614	U	NT		0.284	U	NT		0.0574	U
Nitrobenzene	98-95-3	~	~	0.0914	U	0.845	U	0.925	U	NT		0.428	U	NT		0.0865	U
Pentachlorophenol	87-86-5	6.7	0.8	0.0569	U	0.526	U	0.576	U	NT		0.266	U	NT		0.0538	U
Phenanthrene	85-01-8	100	100	0.0749	U	2.12	D	1.95	J,D	NT		0.351	U	NT		0.0709	U
Phenol	108-95-2	100	0.33	0.0813	U	0.752	U	0.823	U	NT		0.380	U	NT		0.0769	U
Pyrene	129-00-0	100	100	0.0729	U	6.57	D	11.8	D	NT		0.578	J,D	NT		0.0689	U
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	
4,4'-DDD	72-54-8	13	0.0033	0.00179	U	0.00166	U	0.00518	D	NT		0.00168	U	NT		0.00169	U
4,4'-DDE	72-55-9	8.9	0.0033	0.00230	U	0.00213	U	0.00628	D	NT		0.00215	U	NT		0.00218	U
4,4'-DDT	50-29-3	7.9	0.0033	0.00180	U	0.00167	U	0.0224	D	NT		0.00169	U	NT		0.00171	U
Aldrin	309-00-2	0.097	0.005	0.00257	U	0.00238	U	0.00260	U	NT		0.00241	U	NT		0.00243	U
alpha-BHC	319-84-6	0.48	0.02	0.00303	U	0.00281	U	0.00307	U	NT		0.00284	U	NT		0.00287	U
Aroclor 1016	12674-11-2	~	~	0.00962	U	0.00890	U	0.00975	U	NT		0.00901	U	NT		0.00911	U
Aroclor 1221	11104-28-2	~	~	0.00962	U	0.00890	U	0.00975	U	NT		0.00901	U	NT		0.00911	U
Aroclor 1232	11141-16-5	~	~	0.00962	U	0.00890	U	0.00975	U	NT		0.00901	U	NT		0.00911	U
Aroclor 1242	53469-21-9	~	~	0.00963	U	0.00890	U	0.00975	U	NT		0.00901	U	NT		0.00911	U
Aroclor 1248	12672-29-6	~	~	0.00963	U	0.00890	U	0.00975	U	NT		0.00901	U	NT		0.00911	U
Aroclor 1254	11097-69-1	~	~	0.00829	U	0.00766	U	0.00839	U	NT		0.00775	U	NT		0.00784	U
Aroclor 1260	11096-82-5	~	~	0.00829	U	0.00766	U	0.00839	U	NT		0.00775	U	NT		0.00784	U
beta- BHC	319-85-7	0.36	0.036	0.00253	U	0.00234	U	0.00257	U	NT		0.00237	U	NT		0.00240	U
Chlordane, total	57-74-9	~	0.094	0.0161	U	0.0149	U	0.0163	U	NT		0.0151	U	NT		0.0152	U
delta-BHC	319-86-8	100	0.04	0.00219	U	0.00203	U	0.00222	U	NT		0.00205	U	NT		0.00208	U
Dieldrin	60-57-1	0.2	0.005	0.00238	U	0.00220	U	0.00241	U	NT		0.00222	U	NT		0.00225	U
Endosulfan I	959-98-8	24	2.4	0.00195	U	0.00180	U	0.00197	U	NT		0.00182	U	NT		0.00184	U
Endosulfan II	33213-65-9	24	2.4	0.00246	U	0.00228	U	0.00249	U	NT		0.00230	U	NT		0.00233	U
Endosulfan sulfate	1031-07-8	24	2.4	0.00206	U	0.00190	U	0.00209	U	NT		0.00193	U	NT		0.00195	U
Endrin	72-20-8	11	0.014	0.00244	U	0.00225	U	0.00247	U	NT		0.00228	U	NT		0.00231	U
Endrin aldehyde	7421-93-4	~	~	0.00270	U	0.00250	U	0.00274	U	NT		0.00253	U	NT		0.00256	U
Endrin ketone	53494-70-5	~	~	0.00177	U	0.00163	U	0.00179	U	NT		0.00165	U	NT		0.00167	U
gamma-BHC (Lindane)	58-89-9	1.3	0.1	0.00279	U	0.00258	U	0.00283	U	NT		0.00261	U	NT		0.00264	U
Heptachlor	76-44-8	2.1	0.042	0.00320	U	0.00296	U	0.00325	U	NT		0.00300	U	NT		0.00303	U
Heptachlor epoxide	1024-57-3	~	~	0.00177	U	0.00163	U	0.00179	U	NT		0.00165	U	NT		0.00167	U
Methoxychlor	72-43-5	~	~	0.0104	U	0.00959	U	0.0105	U	NT		0.00970	U	NT		0.00981	U
Total PCBs	1336-36-3	1	0.1	0.00829	U	0.00766	U	0.00839	U	NT		0.00775	U	NT		0.00784	U
Toxaphene	8001-35-2	~	~	0.203	U	0.188	U	0.206	U	NT		0.190	U	NT		0.193	U
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	
Aluminum	7429-90-5	~	~	10800		8540		5350		NT		7520		NT		7910	
Antimony	7440-36-0	~	~	0.171	U	0.158	U	0.173	U	NT		0.160	U	NT		0.161	U
Arsenic	7440-38-2	16	13	3.69		9.15		4.58		NT		7.68		NT		5.27	
Barium	7440-39-3	400	350	46.7		155		302		NT		78.1		NT		55.2	
Beryllium	7440-41-7	72	7.2	0.010	U	0.009	U	0.010	U	NT		0.009	U	NT		0.009	U
Cadmium	7440-43-9	4.3	2.5	0.158	U	0.147	U	0.160	U	NT		0.148	U	NT		0.150	U
Calcium	7440-70-2	~	~	1520		11700		17400		NT		30300		NT		1870	
Chromium	7440-47-3	~	~	15.1		18.0		23.2		NT		17.3		NT		17.6	
Cobalt	7440-48-4	~	~	7.46		6.41		5.28		NT		5.61		NT		8.54	
Copper	7440-50-8	270	50	11.1		260		54.2		NT		53.1		NT		20.5	
Iron	7439-89-6	~	~	20100	E	20900	E	27900	E	NT		15400	E	NT		22500	E
Lead	7439-92-1	400	63	30.0		240		578		NT		120		NT		44.6	
Magnesium	7439-95-4	~	~	2070		2650		2360		NT		6480		NT		2590	
Manganese	7439-96-5	2000	1600	483		294		303		NT		279		NT		256	
Nickel	7440-02-0	310	30	17.1		24.5		22.0		NT		19.7		NT		21.5	
Potassium	7440-09-7	~	~	603		1130		814		NT		809		NT		1470	
Selenium	7782-49-2	180	3.9	0.257	U	0.900		0.260	U	NT		0.241	U	NT		0.243	U
Silver	7440-22-4	180	2	0.110	U	0.101	U	0.111	U	NT		0.103	U	NT		0.104	U
Sodium	7440-23-5	~	~	8.19	U	7.57	U	8.29	U	NT		23.2		NT		7.75	U
Thallium	7440-28-0	~	~	0.232	U	0.214	U	0.234	U	NT		0.217	U	NT		0.219	U
Vanadium	7440-62-2	~	~	24.9		33.4		22.5		NT		23.6		NT		30.8	
Zinc	7440-66-6	10000	109	33.5		326		591		NT		102		NT		106	
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	
Mercury	7439-97-6	0.81	0.81	0.118	U	0.109	U	0.120	U	NT		0.111	U	NT		0.112	U
Total Solids		%	%	%		%		%		%		%		%		%	
% Solids	solids	~	~	82.1		88.7		81.0		87.5		87.7		88.9		86.7	

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

DISCLAIMER:
York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

Results Table

GROUNDWATER SAMPLES

SampleID		NYSDEC TOGS Standards and Guidance Values - GA	TWP-06		TWP-02		TWP-03	
YorkID			12F0704-05		12F0704-10		12F0704-17	
Sampling Date			6/19/2012 3:00:00 PM		6/19/2012 3:00:00 PM		6/19/2012 3:00:00 PM	
DilutionFactor			1		1		1	
ClientMatrix		Soil	Water		Water		Water	
RptUnits		ug/L	ug/L		ug/L		ug/L	
Compound	CASNumber		Result	Q	Result	Q	Result	Q
Volatile Organics, TCL (Target Compound List)		ug/L	ug/L		ug/L		ug/L	
1,1,1-Trichloroethane	71-55-6	5	0.95	U	0.95	U	0.95	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.57	U	0.57	U	0.57	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.60	U	0.60	U	0.60	U
1,1,2-Trichloroethane	79-00-5	1	0.61	U	0.61	U	0.61	U
1,1-Dichloroethane	75-34-3	5	0.69	U	0.69	U	0.69	U
1,1-Dichloroethylene	75-35-4	5	1.3	U	1.3	U	1.3	U
1,2,4-Trichlorobenzene	120-82-1	5	0.48	U	0.48	U	0.48	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	1.3	U	1.3	U	1.3	U
1,2-Dibromoethane	106-93-4	5	0.68	U	0.68	U	0.68	U
1,2-Dichloroethane	107-06-2	0.6	0.65	U	0.65	U	0.65	U
1,2-Dichloropropane	78-87-5	1	0.22	U	0.22	U	0.22	U
2-Butanone	78-93-3	50	2.6	U	2.6	U	2.6	U
2-Hexanone	591-78-6	50	0.87	U	0.87	U	0.87	U
4-Methyl-2-pentanone	108-10-1	~	5.6	U	5.6	U	5.6	U
Acetone	67-64-1	50	3.9	J,B	3.5	J,B	3.2	J,B
Benzene	71-43-2	1	0.48	U	0.48	U	0.48	U
Bromodichloromethane	75-27-4	~	0.62	U	0.62	U	0.62	U
Bromoform	75-25-2	50	0.58	U	0.58	U	0.58	U
Bromomethane	74-83-9	~	1.2	U	1.2	U	1.2	U
Carbon disulfide	75-15-0	~	0.64	U	0.64	U	0.64	U
Carbon tetrachloride	56-23-5	5	1.0	U	1.0	U	1.0	U
Chlorobenzene	108-90-7	5	0.35	U	0.35	U	0.35	U
Chloroethane	75-00-3	5	0.76	U	0.76	U	0.76	U
Chloroform	67-66-3	7	0.36	U	0.36	U	0.36	U
Chloromethane	74-87-3	5	0.89	U	0.89	U	0.89	U
cis-1,2-Dichloroethylene	156-59-2	5	0.96	U	0.96	U	0.96	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.35	U	0.35	U	0.35	U
Dibromochloromethane	124-48-1	50	0.67	U	0.67	U	0.67	U
Dichlorodifluoromethane	75-71-8	5	0.83	U	0.83	U	0.83	U
Ethyl Benzene	100-41-4	5	0.35	U	0.35	U	0.35	U
Isopropylbenzene	98-82-8	5	0.39	U	0.39	U	0.39	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.38	U	0.38	U	0.38	U
Methylene chloride	75-09-2	5	5.8	J,B	5.5	J,B	5.2	J,B
o-Xylene	95-47-6	5	0.50	U	0.50	U	0.50	U
p- & m- Xylenes	1330-20-7P/M	5	0.55	U	0.55	U	0.55	U
Styrene	100-42-5	5	0.43	U	0.43	U	0.43	U
Tetrachloroethylene	127-18-4	5	0.52	U	0.52	U	0.52	U
Toluene	108-88-3	5	0.23	U	0.23	U	0.23	U
trans-1,2-Dichloroethylene	156-60-5	~	0.65	U	0.65	U	0.65	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.68	U	0.68	U	0.68	U
Trichloroethylene	79-01-6	5	0.57	U	0.57	U	0.57	U
Trichlorofluoromethane	75-69-4	5	0.91	U	0.91	U	0.91	U
Vinyl Chloride	75-01-4	2	0.97	U	0.97	U	0.97	U
Xylenes, Total	1330-20-7	5	0.55	U	0.55	U	0.55	U
Semi-Volatiles, EPA TCL List		ug/L	ug/L		ug/L		ug/L	
1,2,4-Trichlorobenzene	120-82-1	5	1.50	U,EXT-D	1.35	U	1.35	U
1,2-Dichlorobenzene	95-50-1	3	1.87	U,EXT-D	1.68	U	1.68	U
1,3-Dichlorobenzene	541-73-1	3	3.14	U,EXT-D	2.82	U	2.82	U
1,4-Dichlorobenzene	106-46-7	3	3.69	U,EXT-D	3.31	U	3.31	U
2,4,5-Trichlorophenol	95-95-4	1	4.12	U,EXT-D	3.70	U	3.70	U
2,4,6-Trichlorophenol	88-06-2	1	3.74	U,EXT-D	3.36	U	3.36	U
2,4-Dichlorophenol	120-83-2	5	3.53	U,EXT-D	3.17	U	3.17	U
2,4-Dimethylphenol	105-67-9	50	4.21	U,EXT-D	3.78	U	3.78	U
2,4-Dinitrophenol	51-28-5	10	11.0	U,EXT-D	9.85	U	9.85	U
2,4-Dinitrotoluene	121-14-2	5	2.70	U,EXT-D	2.43	U	2.43	U
2,6-Dinitrotoluene	606-20-2	5	4.01	U,EXT-D	3.60	U	3.60	U
2-Chloronaphthalene	91-58-7	10	3.99	U,EXT-D	3.58	U	3.58	U
2-Chlorophenol	95-57-8	1	3.90	U,EXT-D	3.50	U	3.50	U
2-Methylnaphthalene	91-57-6	~	3.51	U,EXT-D	3.15	U	3.15	U
2-Methylphenol	95-48-7	1	0.980	U,EXT-D	0.879	U	0.879	U
2-Nitroaniline	88-74-4	5	3.44	U,EXT-D	3.08	U	3.08	U
2-Nitrophenol	88-75-5	1	3.55	U,EXT-D	3.18	U	3.18	U
3,3'-Dichlorobenzidine	91-94-1	5	4.01	U,EXT-D	3.60	U	3.60	U
3- & 4-Methylphenols	100-01-6	~	4.25	U,EXT-D	3.81	U	3.81	U
3-Nitroaniline	99-09-2	5	1.82	U,EXT-D	1.64	U	1.64	U
4,6-Dinitro-2-methylphenol	534-52-1	~	7.66	U,EXT-D	6.87	U	6.87	U
4-Bromophenyl phenyl ether	101-55-3	~	3.94	U,EXT-D	3.53	U	3.53	U
4-Chloro-3-methylphenol	59-50-7	1	4.15	U,EXT-D	3.72	U	3.72	U
4-Chloroaniline	106-47-8	5	4.27	U,EXT-D	3.84	U	3.84	U
4-Chlorophenyl phenyl ether	7005-72-3	~	3.57	U,EXT-D	3.20	U	3.20	U
4-Nitroaniline	100-02-7	5	4.31	U,EXT-D	3.87	U	3.87	U
4-Nitrophenol	56-57-5	1	4.50	U,EXT-D	4.04	U	4.04	U
Acenaphthene	83-32-9	20	3.70	U,EXT-D	3.32	U	3.32	U
Acenaphthylene	208-96-8	~	4.89	U,EXT-D	4.38	U	4.38	U
Anthracene	120-12-7	50	4.18	U,EXT-D	3.75	U	3.75	U
Benzo(a)anthracene	56-55-3	0.002	4.65	U,EXT-D	4.17	U	4.17	U
Benzo(a)pyrene	50-32-8	0.002	5.54	U,EXT-D	4.97	U	4.97	U
Benzo(b)fluoranthene	205-99-2	0.002	4.71	U,EXT-D	4.23	U	4.23	U
Benzo(g,h,i)perylene	191-24-2	~	4.75	U,EXT-D	4.26	U	4.26	U
Benzo(k)fluoranthene	207-08-9	0.002	3.95	U,EXT-D	3.54	U	3.54	U
Benzoic acid	65-85-0	~	9.94	U,EXT-D	8.92	U	8.92	U
Benzyl alcohol	100-51-6	~	4.57	U,EXT-D	4.10	U	4.10	U
Benzyl butyl phthalate	85-68-7	50	2.63	U,EXT-D	2.36	U	2.36	U
Bis(2-chloroethoxy)methane	111-91-1	5	5.54	U,EXT-D	4.97	U	4.97	U
Bis(2-chloroethyl)ether	111-44-4	1	4.71	U,EXT-D	4.23	U	4.23	U
Bis(2-chloroisopropyl)ether	108-60-1	5	4.75	U,EXT-D	4.26	U	4.26	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	2.94	U,EXT-D	2.64	U	2.64	U
Chrysene	218-01-9	0.002	4.75	U,EXT-D	4.26	U	4.26	U
Di-n-butyl phthalate	84-74-2	50	4.71	U,EXT-D	4.23	U	4.23	U
Di-n-octyl phthalate	117-84-0	50	4.75	U,EXT-D	4.26	U	4.26	U
Dibenzo(a,h)anthracene	53-70-3	~	3.54	U,EXT-D	3.18	U	3.18	U
Dibenzofuran	132-64-9	~	3.31	U,EXT-D	2.97	U	2.97	U
Diethyl phthalate	84-66-2	50	2.51	U,EXT-D	2.26	U	2.26	U
Dimethyl phthalate	131-11-3	50	5.54	U,EXT-D	4.97	U	4.97	U
Fluoranthene	206-44-0	50	1.82	U,EXT-D	1.64	U	1.64	U
Fluorene	86-73-7	50	3.69	U,EXT-D	3.31	U	3.31	U
Hexachlorobenzene	118-74-1	0.04	3.38	U,EXT-D	3.03	U	3.03	U
Hexachlorobutadiene	87-68-3	0.5	3.78	U,EXT-D	3.39	U	3.39	U
Hexachlorocyclopentadiene	77-47-4	5	3.94	U,EXT-D	3.53	U	3.53	U
Hexachloroethane	67-72-1	5	4.15	U,EXT-D	3.72	U	3.72	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	3.14	U,EXT-D	2.82	U	2.82	U
Isophorone	78-59-1	50	3.69	U,EXT-D	3.31	U	3.31	U
N-nitroso-di-n-propylamine	621-64-7	~	2.94	U,EXT-D	2.64	U	2.64	U
N-Nitrosodiphenylamine	86-30-6	50	4.14	U,EXT-D	3.71	U	3.71	U
Naphthalene	91-20-3	10	4.41	U,EXT-D	3.96	U	3.96	U
Nitrobenzene	98-95-3	0.4	2.25	U,EXT-D	2.02	U	2.02	U
Pentachlorophenol	87-86-5	1	4.30	U,EXT-D	3.86	U	3.86	U
Phenanthrene	85-01-8	50	4.12	U,EXT-D	3.70	U	3.70	U
Phenol	108-95-2	1	3.74	U,EXT-D	3.36	U	3.36	U
Pyrene	129-00-0	50	2.70	U,EXT-D	2.43	U	2.43	U
Metals, Dissolved - Target Analyte (TAL)		ug/L	ug/L		ug/L		ug/L	
Aluminum	7429-90-5	~	115		12		7	U
Antimony	7440-36-0	~	2	U	2	U	2	U
Arsenic	7440-38-2	25	1	U	1	U	1	U
Barium	7440-39-3	1000	83		43		75	
Beryllium	7440-41-7	~	0.9	U	0.9	U	0.9	U
Cadmium	7440-43-9	5	1	U	1	U	1	U
Calcium	7440-70-2	~	193000		318000		157000	
Chromium	7440-47-3	50	0.9	U	0.9	U	0.9	U
Cobalt	7440-48-4	~	1	U	1	U	1	U
Copper	7440-50-8	200	2	U	2	U	2	U
Iron	7439-89-6	~	166		62		25	
Lead	7439-92-1	25	1	U	1	U	1	U
Magnesium	7439-95-4	35000	13900		17600		15000	
Manganese	7439-96-5	~	1510		756		102	
Nickel	7440-02-0	~	0.8	U	0.8	U	0.8	U
Potassium	7440-09-7	~	11700		16500		16400	
Selenium	7782-49-2	10	2	U	2	U	2	U
Silver	7440-22-4	50	1	U	1	U	1	U
Sodium	7440-23-5	~	29000		33000		39600	
Thallium	7440-28-0	~	2	U	2	U	2	U
Vanadium	7440-62-2	~	1	U	1	U	1	U
Zinc	7440-66-6	~	0.9	U	0.9	U	0.9	U
Metals, Target Analyte		ug/L	ug/L		ug/L		ug/L	
Aluminum	7429-90-5	~	110000		2140		400	
Antimony	7440-36-0	~	2	U	2	U	2	U
Arsenic	7440-38-2	25	21		1	U	1	U
Barium	7440-39-3	1000	2340		55		85	
Beryllium	7440-41-7	~	3		0.9	U	0.9	U
Cadmium	7440-43-9	5	1	U	1	U	1	U
Calcium	7440-70-2	~	226000		318000		159000	
Chromium	7440-47-3	50	287		0.9	J	0.9	U
Cobalt	7440-48-4	~	141		1	J	1	J
Copper	7440-50-8	200	204		2	U	2	U
Iron	7439-89-6	~	185000	E	3410		718	
Lead	7439-92-1	25	1100		4		1	U
Magnesium	7439-95-4	35000	33200		18000		15500	
Manganese	7439-96-5	~	12300	E	893		162	
Nickel	7440-02-0	~	188		0.8	J	0.8	U
Potassium	7440-09-7	~	21600		16800		16800	
Selenium	7782-49-2	10	2	U	2	J	2	U
Silver	7440-22-4	50	1	U	1	U	1	U
Sodium	7440-23-5	~	29200		33200		41100	
Thallium	7440-28-0	~	2	U	2	U	2	U
Vanadium	7440-62-2	~	289		1	J	1	J
Zinc	7440-66-6	~	396		0.9	J	0.9	J
Mercury by 7470/7471		ug/L	ug/L		ug/L		ug/L	
Mercury	7439-97-6	0.7	1.8		0.04	U	0.04	U
Mercury, Dissolved		ug/L	ug/L		ug/L		ug/L	
Mercury	7439-97-6	0.7	0.03900	U	0.03900	U	0.03900	U

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

DISCLAIMER:
York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

SOIL VAPOR SAMPLES

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		DOH Guidance Levels 2006	SVP-01 12F0706-01 6/20/2012 3:00:00 PM 17.56 Soil Vapor ug/m³		SVP-02 12F0706-02 6/20/2012 3:00:00 PM 24.47 Soil Vapor ug/m³		SVP-03 12F0706-03 6/20/2012 3:00:00 PM 19.84 Soil Vapor ug/m³		SVP-04 12F0706-04 6/20/2012 3:00:00 PM 48.65 Soil Vapor ug/m³	
Compound	**CASNumber**		**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, EPA TO15 Full List			ug/m³		ug/m³		ug/m³		ug/m³	
1,1,1-Trichloroethane	71-55-6	**DOH Matrix 2**	1.8	U	2.4	U	2.0	U	1.9	U
		< 100	NFA / Reasonable Action		NFA / Reasonable Action		NFA / Reasonable Action		NFA / Reasonable Action	
		100 - 1,000								
		1,000 and above								
1,1,2,2-Tetrachloroethane	79-34-5		2.9	U	4.1	U	3.3	U	3.3	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1		0.96	U	1.3	U	1.1	U	1.1	U
1,1,2-Trichloroethane	79-00-5		2.4	U	3.4	U	2.8	U	2.7	U
1,1-Dichloroethane	75-34-3		0.87	U	1.2	U	0.98	U	0.96	U
1,1-Dichloroethylene	75-35-4		1.1	U	1.5	U	1.2	U	1.2	U
1,2,4-Trichlorobenzene	120-82-1		2.9	U	4.1	U	3.3	U	3.2	U
1,2,4-Trimethylbenzene	95-63-6		1.1	U	1.5	J	51	D	56	D
1,2-Dibromoethane	106-93-4		14	U	19	U	16	U	15	U
1,2-Dichlorobenzene	95-50-1		2.7	U	3.7	U	3.0	U	3.0	U
1,2-Dichloroethane	107-06-2		1.7	U	2.4	U	2.0	U	1.9	U
1,2-Dichloropropane	78-87-5		1.8	U	2.5	U	2.1	U	2.0	U
1,2-Dichlorotetrafluoroethane	76-14-2		2.1	U	3.0	U	2.4	U	2.4	U
1,3,5-Trimethylbenzene	108-67-8		1.1	U	1.6	U	1.3	J	22	D
1,3-Butadiene	106-99-0		1.2	U	1.6	U	1.3	U	1.3	U
1,3-Dichlorobenzene	541-73-1		1.9	U	2.7	U	2.2	U	2.1	U
1,4-Dichlorobenzene	106-46-7		2.4	U	3.3	U	2.7	U	2.6	U
1,4-Dioxane	123-91-1		5.8	U	8.1	U	6.5	U	6.4	U
2-Butanone	78-93-3		91	D	21	D	70	D	23	D
2-Hexanone	591-78-6		4.0	U	5.6	U	4.5	U	4.5	U
4-Methyl-2-pentanone	108-10-1		2.6	U	110	D	3.0	U	2.9	U
Acetone	67-64-1		420	D	180	D	400	D	470	D
Benzene	71-43-2		7.4	D	9.5	D	13	D	0.95	U
Benzyl chloride	100-44-7		1.1	U	1.5	U	1.3	U	1.2	U
Bromodichloromethane	75-27-4		2.7	U	3.7	U	3.0	U	2.9	U
Bromoform	75-25-2		3.3	U	4.6	U	3.8	U	3.7	U
Bromomethane	74-83-9		0.83	U	1.2	U	0.94	U	0.92	U
Carbon disulfide	75-15-0		0.67	U	19	D	33	D	0.74	U
Carbon tetrachloride	56-23-5	**DOH Matrix 1**	1.3	U	1.9	U	1.5	U	1.5	U
		< 5	NFA / Reasonable Action		NFA / Reasonable Action		NFA / Reasonable Action		NFA / Reasonable Action	
		5 - 50								
		50 - 250								
		250 and above								
Chlorobenzene	108-90-7		1.5	U	2.1	U	1.7	U	1.6	U
Chloroethane	75-00-3		0.57	U	0.79	U	0.64	U	0.63	U
Chloroform	67-66-3		1.3	U	1.8	U	1.5	U	1.4	U
Chloromethane	74-87-3		1.1	U	1.5	U	1.3	U	1.2	U
cis-1,2-Dichloroethylene	156-59-2		1.2	U	1.7	U	1.4	U	1.3	U
cis-1,3-Dichloropropylene	10061-01-5		2.0	U	2.8	U	2.3	U	2.2	U
Cyclohexane	110-82-7		7.4	D	11	D	10	D	0.82	U
Dibromochloromethane	124-48-1		14	U	20	U	16	U	16	U
Dichlorodifluoromethane	75-71-8		2.2	U	3.1	U	2.5	U	2.4	U
Ethyl acetate	141-78-6		1.6	U	2.2	U	1.8	U	1.8	U
Ethyl Benzene	100-41-4		22	D	21	D	43	D	180	D
Hexachlorobutadiene	87-68-3		3.4	U	4.8	U	3.9	U	3.8	U
Isopropanol	67-63-0		1.5	U	2.1	U	1.7	U	1.7	U
Methyl Methacrylate	80-62-6		7.3	U	10	U	8.3	U	8.1	U
Methyl tert-butyl ether (MTBE)	1634-04-4		0.77	U	1.1	U	0.87	U	0.85	U
Methylene chloride	75-09-2		16	D	2.1	U	1.7	U	1.6	U
n-Heptane	142-82-5		26	D	47	D	67	D	17	D
n-Hexane	110-54-3		23	D	170	D	100	D	9.8	D
o-Xylene	95-47-6		8.5	D	27	D	49	D	250	D
p- & m- Xylenes	1330-20-7P/M		41	D	78	D	140	D	520	D
p-Ethyltoluene	622-96-8		1.6	U	2.2	J	53	D	99	D
Propylene	115-07-01		1.4	U	2.0	U	1.6	U	1.6	U
Styrene	100-42-5		1.4	U	1.9	U	1.5	U	1.5	U
Tetrachloroethylene	127-18-4	**DOH Matrix 2**	140	D	66	D	49	D	59	D
		< 100			NFA / Reasonable Action		NFA / Reasonable Action		NFA / Reasonable Action	
		100 - 1,000	Monitor / Mitigate							
		1,000 and above								
Tetrahydrofuran	109-99-9		33	D	1.8	U	43	D	1.5	U
Toluene	108-88-3		330	D	80	D	170	D	730	D
trans-1,2-Dichloroethylene	156-60-5		0.85	U	1.2	U	0.96	U	0.94	U
trans-1,3-Dichloropropylene	10061-02-6		1.5	U	2.0	U	1.6	U	1.6	U
Trichloroethylene	79-01-6	**DOH Matrix 1**	25	D	1.6	U	1.3	U	1.3	U
		< 5			NFA / Reasonable Action		NFA / Reasonable Action		NFA / Reasonable Action	
		5 - 50	Monitor / Mitigate							
		50 - 250								
		250 and above								
Trichlorofluoromethane (Freon 11)	75-69-4		0.60	U	20	D	0.68	U	0.67	U
Vinyl acetate	108-05-4		0.94	U	1.3	U	1.1	U	1.0	U
Vinyl Chloride	75-01-4		1.1	U	1.5	U	1.2	U	1.2	U

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

DISCLAIMER:
York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

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-- FINAL --

HEALTH & SAFETY PLAN

for

Phase II Environmental Site Investigation (HASP)

at

245-247 Driggs Avenue, Brooklyn, NY, 11222

Block 2699, Lots 15 and 17

Prepared for:

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FIGURES

Figure 1 Site Location Map
Figure 2 Sample Location Plan

Appendix A MSDS Sheets

1.0 GENRAL SITE INFORMATION

Site Location: 245-247 Driggs Avenue
City/Town: Brooklyn/New York
County: Kings County
State: New York

1.1 Site Description, Background and Known Contaminants

On behalf of the Global Paragon (the Client), GRANT engineering (GRANT) of Manhattan, New York has prepared this Health and Safety Plan (HASP) in conjunction with the Phase II Environmental Site Investigation (ESI) work plan for the parcel located 245-247 Driggs Avenue in the Greenpoint section of Brooklyn, New York (hereinafter referred to as the "Site"). The Site is comprised of Block 2699, Lots 15 and 17. See **Figure 1** for the Site Location Plan.

A Phase I ESA was conducted by GRANT, dated May 23, 2012, as part of a due diligence to support a potential development of the Site by Global Paragon. It is understood that the Site has historically been utilized for residential purposes (Lot 15) and mixed commercial purposes (Lot 17).

The main objective of the Phase I ESA was to identify the presence or likely presence, use, or release of hazardous substances or petroleum products at the Site which are defined in the American Society of Testing and Materials (ASTM) Standard Practice E 1527-05 as *recognized environmental conditions (RECs)*, in accordance with the "due diligence" regulations of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and in accordance with Section 9601 (35)(b) of the Superfund Amendments and Reauthorization Act (SARA), which requires that "all appropriate inquiry" be made into the presence or potential presence of hazardous substances or petroleum products on Site. In addition, other environmental issues and conditions that, in the opinion of the *environmental professional* conducting the assessment, would not be considered *RECs* are identified in this assessment. These may include *historical RECs* or *de minimis* conditions. The Phase I ESA also includes a preliminary evaluation of specific potential environmental issues or conditions that are, according to ASTM E 1527-05, considered non-scope considerations. These issues include radon, asbestos-containing materials (ACM), lead-based paint (LBP) and polychlorinated biphenyls (PCBs).

The Site assessment was conducted by GRANT on May 15, 2012 and recorded surficial conditions only. The assessment included a walkthrough of the site and surroundings and an interview of the building owner. The Phase I ESA included a review of regulatory agency databases and historical documents and visual observations of the Site and adjoining properties.

The Phase I did not identify any RECs associated with the historic usage of the Site or surrounding properties, however the Site was listed on the New York City Department of City Planning (NYCDCP) list of e-designated properties. Therefore, the Mayor's Office of Environmental Remediation (MOER) is required to review and approve environmental investigation and environmental mitigation measures in order for a Certificate of Occupancy (COO) to be issued by New York City Department of Buildings (NYCDOB).

A Phase II ESI is proposed in order to satisfy the following objectives:

--Investigate whether the historical on-Site and surrounding area land uses have impacted soil and groundwater at the Site; and

--Adequately identify and characterize the surface and subsurface soils and groundwater prior to construction and/or on-Site soil disturbance for worker health and safety and soil disposal purposes.

The Phase II ESI work plan summarizes the proposed drilling and soil/groundwater sampling activities. This HASP has been prepared in conjunction with the Phase II ESI work plan and prior to the start of any soil disturbance as part of the Phase II ESI. This HASP will be submitted to NYCDEP for review and approval.

1.2 Project Description

The subsurface investigation will consist of the following:

Soil - Six (6) soil borings (**SB-01** to **SB-06**) will be performed to characterize the physical and chemical characteristics of the soil within the Site.
Groundwater - Three (3) well points (**TWP-02**, **TWP-03**, **TWP-06**) will be advanced in order to collect groundwater samples and to gauge the depth to groundwater.
Soil Vapor - Four (4) soil vapor points (**SVP-01**, **SVP-02**, **SVP-03**, **SVP-04**) will be advanced in order to collect soil vapor samples at the Site.

Borings will be advanced using a track mounted direct push drill rig. A Site Map with the proposed boring locations is included for reference as **Figure 2** – Sample Location Plan. Roadway/Sidewalk opening permits will not be required for this project.

1.2.1 Soil Sampling and Analysis

The subsurface investigation consisting of six (6) soil borings will be performed to characterize the physical and chemical characteristics of the soil within the Site. Soil will be investigated using a track mounted direct push drill rig.

Borings **SB-01** to **SB-04** will be located within the footprint of the proposed future structure. Borings **SB-01** to **SB-04** advanced to 17 feet below grade (ftbg), which is 2 feet below the depth of the proposed excavation.

Borings **SB-05** to **SB-06** will be located within the rear yard of the proposed future development. Borings **SB-05** to **SB-06** advanced to 8 feet below grade (ftbg) or the depth of the historic fill line, whichever is encountered first.

The soil cores will be recovered within acetate liners in 4 or 5 ft lengths. Soil will be screened for organic vapors using a photoionization detector (PID), and visual and olfactory senses. The soil lithology will be classified by a GRANT field engineer according to the Burmister soil classification system.

Two (2) soil grab samples will be collected for laboratory analysis from each soil boring. One grab sample will be collected from 0-2ftbg in each boring. **SB-01** to **SB-04** will have a second grab sample collected from 15-17ftbg (bottom of proposed excavation). **SB-05** to **SB-06** will have a second sample collected from 6-8ftbg or bottom of historic fill line, whichever is encountered first.

Soil samples will be analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Pesticides and Polychlorinated Bi-phenols (PPCBs), and Target Analyte List (TAL) Metals. Soil analytical results will be compared to NYSDEC 6 NYCRR Tables 375-6.8 Track 1 Unrestricted SCOs.

1.2.2 Groundwater Sampling and Gauging

The assessment of groundwater quality will include the collection of groundwater samples from three (3) (**TWP-02**, **TWP-03**, **TWP-06**) pre-packed well points installed during the soil boring activities.

To install these pre-packs, probe rods are first driven to a depth of approximately 5ftbg with a direct-push probing machine. The well assembly is then lowered into the probe rod string with threaded PVC riser pipe. The small diameter pre-pack well screen assembly uses 12 mm PVC riser pipe and is installed with 2.125-inch OD probe rods. Once the well assembly is lowered to the bottom of the probe rod string, the probe rods are retracted to a point above the screen. A sand barrier, installed directly above the well screen, prevents grout from entering the screens.

One (1) groundwater samples will be collected from the TWPs utilizing a peristaltic pump and analyzed for TCL VOCs, TCL SVOCs and TAL Metals (filtered and unfiltered). Groundwater analytical results will be compared to GA Groundwater limits.

Depth to groundwater will be gauged in order to determine the groundwater flow direction at the Site.

1.2.3 Soil Vapor Sampling

Four (4) soil vapor samples will be collected to determine if potentially contaminated soil vapors have the potential to intrude into the basement of the new construction. **SVP-01**, **SVP-02**, **SVP-03** soil vapor samples will be collected from within the proposed building footprint, directly below the proposed basement elevation (assumed to be approximately 15 ft bgs), or directly above the groundwater interface, whichever is encountered first. **SVP-04** soil vapor samples will be collected from outside the proposed building footprint in the rear yard area at a depth of approximately 6ftbg.

The sampling will be conducted in accordance with the New York State Department of Health (DOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). Soil gas samples will be collected with a 1-liter Suma air canister with a maximum flow rate of 0.2 l/min and analyzed by EPA Method TO-15.

The subsurface investigation will be performed to characterize the physical and chemical characteristics of the soil and groundwater within the Site. Four (4) evenly spaced test borings (SB-01 through SB-04) will be advanced using a Geoprobe direct push drill rig in the area of the proposed building footprint. The borings will be advanced to a depth of 25 feet below grade (ftbg). One (1) of the four (4) borings (SB-01) in the west-most or upgradient portion of the Site will be advanced to the depth of the groundwater table estimated at 25 to 35 ftbg. Four evenly spaced borings (SB-05 through SB-08) will be advanced using a hand auger in the parking lot area proposed for landscaping. Two soil borings (SB-09 and SB-10) will be advanced in the area of the historic on-Site spill at the intersection of 7th Avenue and West 123rd Street using a Geoprobe direct push drill rig to the depth of groundwater estimated at approximately 25 to 35 ftbg.

Soil and groundwater samples will be analyzed on a maximum fourteen (14) day turnaround time (TAT). Trip blanks will accompany both soil and groundwater VOC samples at a rate of one per cooler. Field blanks and duplicates for both soil and groundwater will be collected at a rate of one per twenty samples (for soils) or one per day as field conditions dictate.

It is assumed that no investigation derived waste (IDW) will be generated during this investigation. All soil cuttings and purge water will be returned to the original bore holes.

1.3 Personnel

The following is a list of the names and job functions of key site safety personnel assigned to this project:

Senior Project Manager	To be determined (Consultant)
Senior Project Engineer	To be determined (Consultant)
Site Inspector / Site Safety Officer (SSO)	To be determined (Consultant)
Project Engineer	To be determined (Consultant)
Equipment Operator	To be determined (Subcontractor)
Laborer	To be determined (Subcontractor)

The SSO will be responsible overall for field implementation of the HASP. The SSO and subcontractor personnel will be certified for the Occupational Safety and Health Administration (OSHA) 40-hour Hazardous Waste Operations (HAZWOPER) training, with a current 8 hour OSHA annual refresher. Additional training and/or certification will be necessary depending upon specific safety concerns not covered by the annual refresher (e.g. confined space).

The SSO will be authorized to administer the HASP. The SSO's primary operational responsibilities include personal and environmental monitoring, selection and monitoring of personal protective equipment, assignment of protection levels, coordination/review of work permits and observation of work activities. The SSO will be authorized to stop work in the event of an imminent health or safety risk exists. The SSO will review the essential safety requirements with all on-site personnel and will facilitate the daily safety meetings.

Specific responsibilities for SSO (and/or SS) would include among others:

- Coordinating protective measures including work practices and personal protective equipment;
- Conducting and preparing reports of daily safety inspections of work processes, site conditions, equipment conditions;
- Assisting the SS in incident investigations;
- Maintaining site safety records;
- Conducting inspections of all fire extinguishers, first-aid kits and eye washes/emergency showers on a regular basis; and,
- Informing subcontractors of the elements of the HASP.

2.0 SITE HAZARDS

Contaminant/Waste Characteristics:
General Forms: __X__ solid __X__ liquid _____ sludge ___ Gas/vapor

Contaminant/Waste Classes:

_____ corrosive	_____ radioactive	_____ reactive	_____ toxic
__X__ ignitable	__X__ volatile	__X__ unknown	_____ construction/medical

Possible contaminant/wastes present:

Chemical	Exposure limits	Routes of entry	Symptoms of over-exposure
Acetone	NIOSH TWA 250 ppm OSHA TWA 1000 ppm	Inhalation, skin absorbtion	Irritation eyes, skin, nose, respiratory system; bone marrow complications
Benzene	NIOSH TWA 0.1 ppm ST 1 ppm OSHA TWA 1 ppm ST 5 ppm	inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]
Ethenylbenzene	NIOSH TWA 40 ppm OSHA TWA 100 ppm	Inhalation.	Irritating to the eyes, the skin and the respiratory tract, aspiration into the lungs with the risk of chemical pneumonitis, central nervous system. Exposure at high levels may result in unconsciousness.
Lead	NIOSH TWA 250 ppm OSHA TWA 1000 ppm	inhalation, skin absorption, ingestion, skin and/or eye contact	Blood and bone marrow damage, central nervous system depression, kidney damage, anemia, nerve disease, abdominal cramps and reproductive damage.
Mercury	NIOSH TWA 0.05 ppm OSHA TWA 0.05 ppm	Inhalation of its vapor and through the skin , also as a vapor	Central nervous system and kidneys, resulting in irritability, emotional instability, tremor, mental and memory disturbances, speech disorders. May cause inflammation and discoloration of the gums. Possibly causes toxic effects upon human reproduction.
MTBE	TLV: 50 ppm as TWA; A3; (ACGIH 2004). MAK: 50 ppm, 180 mg/m³;	inhalation and ingestion.	Irritating to the skin, aspiration into the lungs may result in chemical pneumonitis. Exposure far above the OEL could cause lowering of consciousness.
Naphtha	NIOSH TWA NA OSHA TWA NA	Inhalation, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, central nervous system depression;

Chemical	Exposure limits	Routes of entry	Symptoms of over-exposure
Naphthalene	NIOSH TWA 15 ppm OSHA TWA 10 ppm	inhalation, skin absorption, ingestion, skin and/or eye contact	The substance may cause effects on the blood, resulting in lesions of blood cells (haemolysis) . See Notes. The effects may be delayed. Exposure by ingestion may result in death. Medical observation is indicated.
Tetrachloroethene	NIOSH 75 ppm OSHA 75 ppm IDLH 1000 ppm	Inhalation, Ingestion	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, central nervous system depression; [potential occupational carcinogen]
Toluene	NIOSH TWA 100 ppm OSHA TWA 200 ppm	inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, central nervous system damage and erratic heart beat
Xylene	NIOSH TWA 100 ppm ST 150 ppm OSHA TWA 100 ppm	inhalation, skin absorption, ingestion, skin and/or eye contact	Irritation eyes, skin, nose, respiratory system, possible reproductive damage
Vinyl Chloride	NIOSH REL: CA 1 ppm OSHA TWA	Inhalation, skin and or eye contact of liquid	Weak abdominal pain, enlarged liver, pallor or cyan of extremities, liquid frostbite, gastrointestinal bleeding

Notes:
TLV= Threshold limit value
TWA= Time weighted average

Safety hazards:

____ Poison ivy/oak
__X__ Wet or slippery surfaces
__X__ Darkness
__X__ Surface debris (broken glass, sharp objects)
__X__ Excessive noise
__X__ hoses, tools, etc. on ground (slip, trip, fall)
_____ Confined spaces (Confined Space Entry Program Required if applicable).
_____ Stacked drums
_____ Ticks
_____ Infectious waste
__X__ Excavations
__X__ Above or underground utilities
____ Unstable building structures

MSDS Sheets for contaminants that may be encountered on site are included as Appendix A.

3.0 SITE OPERATIONS

Tasks to be performed:

- Soil boring installation
- Sample collection of soil
- Temporary well point (TWP) installation
- Sample collection of groundwater
- Sample collection of Soil Gas

Work Zone Map

Figures 1 and 2 indicate the perimeter of the Site which is also the work zone. Note that the exclusion zones will be in the immediate vicinity (minimum 25 feet radius) of the active work area and will be maintained only when the possibility of a hazardous situation exists. The support zone and personnel decontamination area will also move with the work zone.

Locations of Safety Equipment:

Safety Item	Safety Note	Location
Eye wash	Required for all intrusive activities	Personal eye wash in each first aid kit
First Aid Kit	Required for all activities	Support Zone

4.0 PERSONAL PROTECTION

Level of Protection (L.O.P.) to be employed for each site task.

TASK	INITIAL L.O.P.	UPGRADE L.O.P.
Soil excavation and staging	D	Modified D/ C
Excavated materials handling, and T&D	D	Modified D/ C
Unloading and loading activities	D	Modified D/ C
USTs removal, if encountered	D	Modified D/ C
Engineering controls application	D	Modified D/ C

Level D:

X steel toe/steel shank safety shoes
X rubber overboots or disposable boot covers (Modified Level D *)
X Polyethylene coated Tyvek coveralls (Modified Level D *)
X Nitrile Outer gloves (Modified Level D *)
X Latex Inner gloves
X Face Shield (Modified Level D *)
hard hat * Yes **X** No ___
safety glasses * Yes **X** No ___

Level C:
X steel toe/shank safety shoes
X rubber overboots or disposable boot covers
X full-face respirator with GMCH cartridges
X Polyethylene coated Tyvek coveralls
X Nitrile outer gloves
X Latex inner gloves
hard hat * Yes **X** No ___

Level B*: (Level B upgrade not planned for this site; if conditions exist that warrant this level of PPE, then work will be terminated until appropriate further actions to remediate conditions are determined)
___ steel toe/shank safety shoes
___ Rubber overboots or disposable boot covers
___ Pressure-demand SCBA
___ Saranex (or equal) coveralls
___ Nitrile outer gloves
___ Latex inner gloves

Hard hat Yes __ No___

Other safety equipment:
X hearing protection *
X tick spray
X Reflective Vests

X cooler(s)
X sunscreen
X Safety Cones
X Gatorade and cups (hot work only)

* **Hearing protection, hard hat and safety glasses required while working near drilling equipment. Additional Modified Level D items such as: rubber overboots, PVC coated Tyvek coveralls, Nitrile Outer gloves and Face Shields will be required when investigating unknown waste materials if encountered.**

5.0 AIR MONITORING

5.1 Monitoring Instruments

Instrument (make/model)	Purpose and Frequency	Response Ranges	Field Check Gas
HNU Systems Model PI-101 Photoionization Detector (PID) (or equivalent)	Breathing zone monitoring for total ionizable volatile organic compounds. Continuous Monitoring.	0 to 20 units 0 to 200 units 0 to 2,000 units by operator selection	The instrument is field checked with 100 ppm Isobutylene to read 55 ppm (benzene equivalent) at a 9.8 span setting.
Instrument (make/model)	**Purpose and Frequency**	**Response Ranges**	**Field Check Gas**
NOTE: Continuous monitoring shall be performed for level C protection. Soils shall be screened with the PID for contamination during investigative activities.			

5.2 Air Quality Action Levels

A. L.O.P. Action Levels:

Contaminant	Range	L.O.P.
Organic Vapors	Background to 5 ppm above background*	Level D
	5 ppm to 10 ppm above background*	Level C
	Greater than 10 ppm above background*	Level B

* Concentrations above background sustained for one minute or longer

6.0 DECONTAMINATION

All personnel and portable equipment used on site shall be thoroughly decontaminated before leaving the site.

6.1 Decontamination of Personnel

Non-disposable clothing such as boots, goggles and hard hats shall be washed, as appropriate, using an Liqui-Nox and water solution and scrub brushes.

Decontamination Procedure:

1. Wash and rinse boots and gloves in an Liqui-Nox and water solution
2. Rinse again paying special attention to the soles of the boots
3. Remove tapes
4. Remove boots
5. Remove outer gloves
6. Remove coveralls
7. Remove outer surgical gloves (if present)
8. Remove respirator
9. Remove inner surgical gloves
10. Wash hands, arms and face

6.2 Decontamination of Equipment and Instruments

Small Equipment and Instruments:

All reusable equipment shall be scrubbed with Liqui-Nox and water prior to removal from the site. If this method is not sufficient to decontaminate, steam cleaning will used, if applicable. When feasible, electronic instruments should be wrapped in plastic for protection to avoid washing instruments with water. Remember to allow intake ports, vents, etc. of the instruments for proper operation of the instrument.

Heavy Equipment:

Heavy equipment should be decontaminated prior to leaving the site. This should include manual removal of gross contamination with shovels or other tools. A steam cleaning station will be set up for decontamination of heavy equipment at the site or an area designated by the Field Operations Manager if necessary. Because decontamination at the steam cleaning station poses the possibility of a splash, the task should be performed using modified Level D personal protective equipment. Face shields are recommended during steam-cleaning operations if conducted.

6.3 Disposal of Contaminated Material

It is anticipated that during the course of the site investigation, a limited quantity of investigative derived waste (IDW) may be generated, including personal protective equipment (PPE). Based on the types of sampling to be performed under this sampling plan, the quantity of waste material is not expected to be substantial and is expected to include PPE, drill cuttings, purge water from well development and sampling, and spent decontamination solutions. All PPE and disposable equipment will be removed from the site at the conclusion of the investigations. All IDW will be field screened with a photoionization

detector (PID) for VOCs and be disposed appropriately either on-site or containerized for characterization and subsequent off-site disposal, if deemed necessary. Containerization of drill cuttings will be provided contingent on field screening observations.

6.4 Decontamination Equipment and Supply Checklist

_X_ Wash tubs/buckets
_X_ Water sprayers
_X_ Scrub brushes
_X_ Liqui-Nox
_X_ Deionized water
_X_ Plastic garbage bags
_X_ Disposable wipes
_X_ Poly sheeting
_X_ 55-gallon drums (if needed)

7.0 EMERGENCY RESPONSE

7.1 Communication

Team members will always work in groups of two or more while on site. Visual contact distance among team members must be maintained at all times. Hand signals will be used on-site to ensure safety during high noise instances. Should an emergency occur, other team members will be alerted via hand signals, air horns, whistles or other devices.

CONTINUOUS HORN/WHISTLE BLAST: is the emergency signal to indicate the onset of an emergency requiring that personnel vacate the Exclusion Zone immediately and meet at the designated area discussed in Section 7.2 below.

7.2 Evacuation

In the event of an emergency, such as fire, explosion, toxic gas release etc, personnel will leave the site and congregate at the corner of Graham Avenue and Driggs Avenue.

7.3 Personnel Injury or Exposure

In the event of an injury within the Exclusion Zone, all equipment within the zone, if not needed for response to the emergency, will be shut down. On-site personnel trained in First Aid and CPR will initiate first response treatment of the injured person(s). An eyewash station and water sprayer shall be available in the CRZ or support zone. All other personnel will assemble at the decontamination line. The on-site Safety Officer and the Field Operations Manager will evaluate the nature and extent of the injury. The victim will be decontaminated to the extent possible before moving to the Support Zone.

If necessary, emergency personnel will be contacted for medical aid and emergency transportation to the **Northside Medical Care**. No persons will re-enter the Exclusion Zone until the cause of the injury or symptoms have been determined.

First aid for Personnel exposure:

Skin contact: Flush with water

Inhalation: Move person to fresh air; provide respiration and transport to **Northside Medical Care** if signs of injury or exposure persist.

Ingestion: Decon and transport to **Northside Medical Care.**

7.4 Emergency Decontamination Procedures

If decon can be performed without aggravating injuries or delaying life-saving treatment, protective clothing will be washed, and rinsed or cut off from the injured personnel. If decontamination cannot be done, for instance due to signs of acute exposure being exhibited, the victim will be wrapped in blankets, plastic or rubber to reduce contamination of other on-site personnel and rescue workers, and transported to **Northside Medical Care**. Emergency and off-site medical personnel will be alerted to the risk of potential exposure to contamination while handling the injured.

7.5 Emergency Information

Emergency Service:	Phone Number:
Ambulance	911
Emergency Room (**Northside Medical Care**)	911 or **(718) 383-4600**
Police	911
Fire Department	911

If a field employee becomes injured or ill while on the job, transport to **Northside Medical Care.** Also, contact management. State that the injury or illness is an "on the job injury" and provide Material Safety Data Sheet for compounds involved.

Poison Control Center	(800) 962-1253
Office of Site Safety and Health	(609) 984-9779
USEPA Emergency Response	(800) 424-8802
GRANT engineering (main number)	(212) 464-8689
Program Director (TBD)	( )
Project Manager (TBD)	( )
RI Task Leader (TBD)	(___) ___-____

7.6 General Emergency Procedures

In the event of an emergency, the following initial procedures shall be implemented to ensure that the appropriate parties are notified and the scene of the emergency is secured:

1) Notify the appropriate local authorities (Police, Fire, Ambulance, etc.)
2) Notify the appropriate officials (Case Manager, HazMat Team, etc.)
3) Cordon off the emergency scene to the extent possible using caution tape, cones, drums, etc. Berger personnel will also prevent pedestrians from entering the emergency scene until local authorities arrive on-site.

7.7 Update of Emergency Response Plan

The Emergency Response Plan shall be periodically reviewed and amended as necessary to keep it current with new or changing site conditions or information. Additionally, if an emergency occurs on-site, the incident will be reviewed to determine if the response measures employed were effective and make modifications as necessary.

Route to the Hospital: A map indicating the fastest route from the Site to **Northside Medical Care** will be provided to all personnel before commencement of the site investigation. Personnel will also be provided with **w**ritten instructions for accessing the hospital from the site.

8.0 GENERAL REQUIREMENTS

8.1 Training

All activities outlined in Section 3.0 are anticipated to be conducted under the initial Level of Protection (L.O.P.) of Level D, and will not require OSHA HAZWOPER trained workers, except for HAZWOPER trained Site Safety Officer (SSO) or Site Supervisor (SS). In the event that any exposure limits outlined in Section 2.0 are exceeded, work activities will be temporarily suspended until readings have returned below exposure limits. In the event that an upgrade of L.O.P. is deemed necessary, only OSHA HAZWOPER trained personnel will be allowed to continue the work activities within exclusion zones.

SS, SSO, and any personnel engaged in exclusion zone activities must have completed a minimum of 40 hours of environmental safety and health OSHA (HAZWOPER) training with a current 8 hour OSHA annual refresher. On-site managers and supervisors directly responsible for and/or who supervise personnel engaging in field activities shall have completed additional training in the supervision of those activities. A site safety meeting shall be conducted prior to the start of on-site activities, and/or before each day's work as deemed necessary. Those not having completed the 40-hour training requirement are not to enter the exclusion zone**.**

8.2 Medical Surveillance

All personnel who are potentially exposed to hazardous substances must be enrolled in the medical surveillance program (MSP) and must have had an up-to-date physical. Those not enrolled in the MSP are not to enter the exclusion zone.

8.3 General Safety Rules

The following is a list of general safety rules in effect at the site.

a. There will be no eating, drinking, or smoking in the exclusion or contamination reduction zone.

b. All personnel must pass through the contamination reduction zone to enter or exit the exclusion zone.

c. At a minimum, an emergency deluge shower/spray is to be located on the clean side of the contamination reduction area (for Level C and above).

d. All personnel shall wash hands, arms and face before eating, smoking or drinking and at the end of the workday.

e. All supplied breathing air shall be certified as grade D or better.

f. Where practical and necessary, all tools/equipment will be sparking proof, explosion resistant, and/or bonded and grounded.

g. Fire extinguishers will be on-site for use on equipment or small fires only.

h. An adequate supply of cool drinking water (at least 1 gallon per person) with an ample supply of disposable cups shall be present during each day of site operations, and be readily available to site personnel.

8.4 Other Safety Precautions and Hazardous Operations

Utility Clearance

If excavation will take place in area of utilities, all utilities will be cleared prior to site excavation activity.

Confined Space Operations

No confined space operations are anticipated for the tasks covered under this remedial investigation.

Confined Spaces are identified at: **None**
Confined Space Entry Permits are required: Yes _____ No _____ NA __**X**

Site Security

All personnel shall be briefed (at safety meeting and site visit) prior to entering and working at the Site; all work areas and limited entry areas will be barricaded and marked at their perimeter and entry points during active field work.

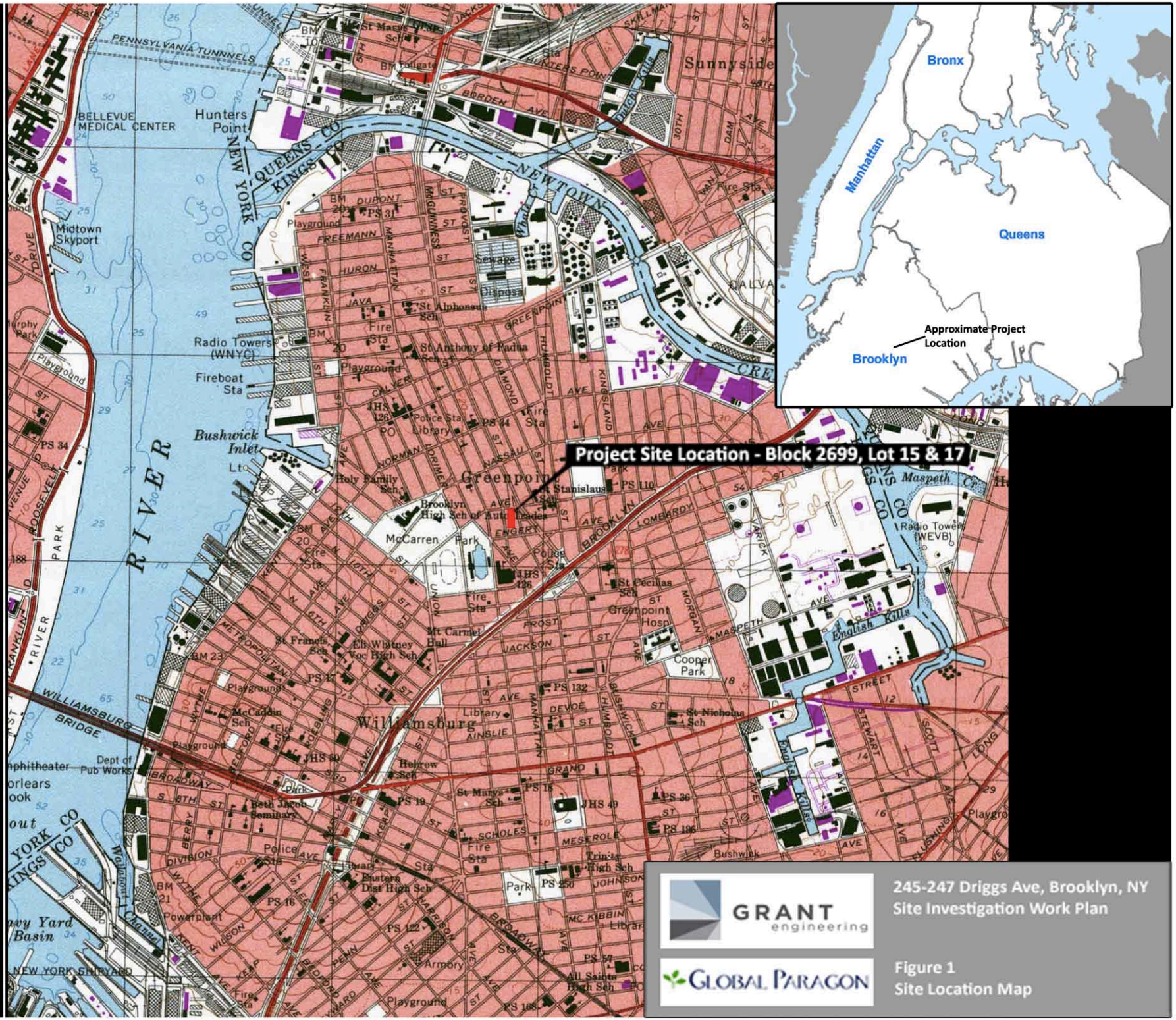
A Site map indicating all planned work areas is presented as Figure 2 in this report and will be made available to all site personnel.

Hot Work

Permit-required hot work is not anticipated for this project. However, if such work becomes necessary, the on-site Safety Officer will issue hot work permits.

FIGURES

Figure 1 Site Location Map
Figure 2 Sample Location Plan



GRANT engineering

GLOBAL PARAGON

245-247 Driggs Ave, Brooklyn, NY
Site Investigation Work Plan

Figure 1
Site Location Map

DRIGGS AV
DRIGGS AV
247 Driggs Ave - Lot 15
245 Driggs Ave - Lot 17
SB-01
SVP-01
SB-02
TWP-02
SVP-02
SB-03
TWP-03
SVP-03
SB-04
SB-05
SB-06
TWP-06
SVP-04
GRAHAM AV
ECKFORD ST
LEGEND
Existing Property Boundary: 245 & 247 Driggs Avenue
Approximate Location of Future Building Footprint
GRANT engineering
GLOBAL PARAGON
245-247 Driggs Ave, Brooklyn, NY
Site Investigation Work Plan
Figure 2
Sample Location Plan

APPENDICES

Appendix A MSDS Sheets

NIOSH Pocket Guide to Chemical Hazards

m-Xylene	**CAS** 108-38-3
$C_6H_4(CH_3)_2$	**RTECS** ZE2275000
Synonyms & Trade Names 1,3-Dimethylbenzene; meta-Xylene; m-Xylol	**DOT ID & Guide** 1307 130

Exposure Limits	NIOSH REL: TWA 100 ppm (435 mg/m^3) ST 150 ppm (655 mg/m^3)
	OSHA PEL†: TWA 100 ppm (435 mg/m^3)
IDLH 900 ppm See: 95476	**Conversion** 1 ppm = 4.34 mg/m^3

Physical Description
Colorless liquid with an aromatic odor.

MW: 106.2	BP: 282°F	FRZ: -54°F	Sol: Slight
VP: 9 mmHg	IP: 8.56 eV		Sp.Gr: 0.86
Fl.P: 82°F	UEL: 7.0%	LEL: 1.1%	

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

Incompatibilities & Reactivities
Strong oxidizers, strong acids

Measurement Methods
NIOSH 1501, 3800; OSHA 1002
See: NMAM or OSHA Methods

Personal Protection & Sanitation
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation

First Aid (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH/OSHA
Up to 900 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0085 See MEDICAL TESTS: 0243

International Chemical Safety Cards

m-XYLENE

ICSC: 0085

meta-Xylene
1,3-Dimethylbenzene
m-Xylol
$C_6H_4(CH_3)_2$ / C_8H_{10}
Molecular mass: 106.2

ICSC # 0085
CAS # 108-38-3
RTECS # ZE2275000
UN # 1307
EC # 601-022-00-9

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Flammable.	NO open flames, NO sparks, and NO smoking.	Powder, water spray, foam, carbon dioxide.
EXPLOSION	Above 27°C explosive vapour/air mixtures may be formed.	Above 27°C use a closed system, ventilation, and explosion-proof electrical equipment. Prevent build-up of electrostatic charges (e.g., by grounding).	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		STRICT HYGIENE!	
•INHALATION	Dizziness. Drowsiness. Headache. Nausea.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	Dry skin. Redness.	Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
•EYES	Redness. Pain.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Burning sensation. Abdominal pain. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Ventilation. Remove all ignition sources. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT let this chemical enter the environment. (Extra personal protection: filter respirator for organic gases and vapours.)	Fireproof. Separated from strong oxidants and strong acids .	Note: C Xn symbol R: 10-20/21-38 S: 2-25 UN Hazard Class: 3 UN Packing Group: III
SEE IMPORTANT INFORMATION ON BACK		
ICSC: 0085	Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.	

International Chemical Safety Cards

m-XYLENE

ICSC: 0085

I M P O R T A N T D A T A	**PHYSICAL STATE; APPEARANCE:** COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR. **PHYSICAL DANGERS:** As a result of flow, agitation, etc., electrostatic charges can be generated. **CHEMICAL DANGERS:** Reacts with strong acids and strong oxidants . **OCCUPATIONAL EXPOSURE LIMITS:** TLV: 100 ppm as TWA; 150 ppm as STEL A4 (ACGIH 2001). BEI specified by (ACGIH 2001). EU OEL: 50 ppm as TWA; 100 ppm as STEL (skin) (EU 2000). OSHA PEL: TWA 100 ppm (435 mg/m^3) NIOSH REL: TWA 100 ppm (435 mg/m^3) ST 150 ppm (655 mg/m^3) NIOSH IDLH: 900 ppm	**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation, through the skin and by ingestion. **INHALATION RISK:** A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C. **EFFECTS OF SHORT-TERM EXPOSURE:** The substance is irritating to the eyes and the skin . The substance may cause effects on the central nervous system . If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis. **EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:** The liquid defats the skin. The substance may have effects on the central nervous system .Exposure to the substance may enhance hearing damage caused by exposure to noise. Animal tests show that this substance possibly causes toxicity to human reproduction or development.
PHYSICAL PROPERTIES	Boiling point: 139°C Melting point: -48°C Relative density (water = 1): 0.86 Solubility in water: none Vapour pressure, kPa at 20°C: 0.8	Relative vapour density (air = 1): 3.7 Relative density of the vapour/air-mixture at 20°C (air = 1): 1.02 Flash point: 27°C c.c. Auto-ignition temperature: 527°C Explosive limits, vol% in air: 1.1-7.0 Octanol/water partition coefficient as log Pow: 3.20

ENVIRONMENTAL DATA	The substance is toxic to aquatic organisms.

N O T E S

Depending on the degree of exposure, periodic medical examination is indicated. The recommendations on this Card also apply to technical xylene. See ICSC 0084 o-Xylene and 0086 p-Xylene.

NFPA Code: H 2; F 3; R 0;
Transport Emergency Card: TEC (R)-30S1307-III

ADDITIONAL INFORMATION

ICSC: 0085 **m-XYLENE**

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NIOSH Pocket Guide to Chemical Hazards

Toluene	**CAS** 108-88-3
$C_6H_5CH_3$	**RTECS** XS5250000
Synonyms & Trade Names Methyl benzene, Methyl benzol, Phenyl methane, Toluol	**DOT ID & Guide** 1294 130

Exposure Limits	NIOSH REL: TWA 100 ppm (375 mg/m^3) ST 150 ppm (560 mg/m^3)
	OSHA PEL†: TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak)
IDLH 500 ppm See: 108883	**Conversion** 1 ppm = 3.77 mg/m^3

Physical Description
Colorless liquid with a sweet, pungent, benzene-like odor.

MW: 92.1	BP: 232°F	FRZ: -139°F	Sol(74°F): 0.07%
VP: 21 mmHg	IP: 8.82 eV		Sp.Gr: 0.87
Fl.P: 40°F	UEL: 7.1%	LEL: 1.1%	

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers

Measurement Methods
NIOSH 1500, 1501, 3800, 4000; OSHA 111
See: NMAM or OSHA Methods

Personal Protection & Sanitation
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation

First Aid (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH
Up to 500 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage

Target Organs Eyes, skin, respiratory system, central nervous system, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0078 See MEDICAL TESTS: 0232

International Chemical Safety Cards

TOLUENE

ICSC: 0078

Methylbenzene
Toluol
$C_6H_5CH_3$ / C_7H_8
Molecular mass: 92.1

ICSC # 0078
CAS # 108-88-3
RTECS # XS5250000
UN # 1294
EC # 601-021-00-3

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Highly flammable.	NO open flames, NO sparks, and NO smoking.	Powder, AFFF, foam, carbon dioxide.
EXPLOSION	Vapour/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Prevent build-up of electrostatic charges (e.g., by grounding). Do NOT use compressed air for filling, discharging, or handling.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		STRICT HYGIENE! AVOID EXPOSURE OF (PREGNANT) WOMEN!	
•INHALATION	Dizziness. Drowsiness. Headache. Nausea. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Artificial respiration if indicated. Refer for medical attention.
•SKIN	Dry skin. Redness.	Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
•EYES	Redness. Pain.	Safety goggles or face shield.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Burning sensation. Abdominal pain. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Give a slurry of activated charcoal in water to drink. Do NOT induce vomiting. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer. (Extra personal protection: self-contained breathing apparatus).	Fireproof. Separated from strong oxidants.	F symbol Xn symbol R: 11-20 S: 2-16-25-29-33 UN Hazard Class: 3 UN Packing Group: II

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0078

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 2002. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

TOLUENE

ICSC: 0078

IMPORTANT DATA	**PHYSICAL STATE; APPEARANCE:** COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR. **PHYSICAL DANGERS:** The vapour is heavier than air and may travel along the ground; distant ignition possible. As a result of flow, agitation, etc., electrostatic charges can be generated. **CHEMICAL DANGERS:** Reacts violently with strong oxidants causing fire and explosion hazard. **OCCUPATIONAL EXPOSURE LIMITS:** TLV: 50 ppm; 188 mg/m^3 (as TWA) (skin) (ACGIH 1993-1994). OSHA PEL: TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak) NIOSH REL: TWA 100 ppm (375 mg/m^3) ST 150 ppm (560 mg/m^3) NIOSH IDLH: 500 ppm	**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation, through the skin and by ingestion. **INHALATION RISK:** A harmful contamination of the air can be reached rather quickly on evaporation of this substance at 20°C. **EFFECTS OF SHORT-TERM EXPOSURE:** The substance irritates the eyes and the respiratory tract. Exposure could cause central nervous system depression. Exposure at high levels may result in cardiac dysrhythmia, unconsciousness and death. **EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:** Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the central nervous system , resulting in decreased learning ability and psychological disorders. Animal tests show that this substance possibly causes toxic effects upon human reproduction.
PHYSICAL PROPERTIES	Boiling point: 111°C Melting point: -95°C Relative density (water = 1): 0.87 Solubility in water: none Vapour pressure, kPa at 20°C: 2.9 Relative vapour density (air = 1): 3.2	Relative density of the vapour/air-mixture at 20°C (air = 1): 1.06 Flash point: c.c. 4°C Auto-ignition temperature: 480°C Explosive limits, vol% in air: 1.1-7.1 Octanol/water partition coefficient as log Pow: 2.69
ENVIRONMENTAL DATA		

N O T E S
Depending on the degree of exposure, periodic medical examination is indicated. Transport Emergency Card: TEC (R)-31 NFPA Code: H 2; F 3; R 0;

ADDITIONAL INFORMATION	

ICSC: 0078 **TOLUENE**

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NIOSH Pocket Guide to Chemical Hazards

Tetrachloroethylene	**CAS** 127-18-4
$Cl_2C{=}CCl_2$	**RTECS** KX3850000
Synonyms & Trade Names Perchlorethylene, Perchloroethylene, Perk, Tetrachlorethylene	**DOT ID & Guide** 1897 160

Exposure Limits	NIOSH REL: Ca Minimize workplace exposure concentrations. See Appendix A
	OSHA PEL†: TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 3-hours)
IDLH Ca [150 ppm] See: 127184	**Conversion** 1 ppm = 6.78 mg/m^3

Physical Description
Colorless liquid with a mild, chloroform-like odor.

MW: 165.8	BP: 250°F	FRZ: -2°F	Sol: 0.02%
VP: 14 mmHg	IP: 9.32 eV		Sp.Gr: 1.62
Fl.P: NA	UEL: NA	LEL: NA	

Noncombustible Liquid, but decomposes in a fire to hydrogen chloride and phosgene.

Incompatibilities & Reactivities
Strong oxidizers; chemically-active metals such as lithium, beryllium & barium; caustic soda; sodium hydroxide; potash

Measurement Methods
NIOSH 1003; OSHA 1001
See: NMAM or OSHA Methods

Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet or contaminated Change: No recommendation Provide: Eyewash, Quick drench	**First Aid** (See procedures) Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, liver, kidneys, central nervous system

Cancer Site [in animals: liver tumors]

See also: INTRODUCTION See ICSC CARD: 0076 See MEDICAL TESTS: 0179

International Chemical Safety Cards

TETRACHLOROETHYLENE

ICSC: 0076

1,1,2,2-Tetrachloroethylene
Perchloroethylene
Tetrachloroethene
C_2Cl_4 / $Cl_2C{=}CCl_2$
Molecular mass: 165.8

ICSC # 0076
CAS # 127-18-4
RTECS # KX3850000
UN # 1897
EC # 602-028-00-4

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Not combustible. Gives off irritating or toxic fumes (or gases) in a fire.		In case of fire in the surroundings: all extinguishing agents allowed.
EXPLOSION			
EXPOSURE		STRICT HYGIENE! PREVENT GENERATION OF MISTS!	
•INHALATION	Dizziness. Drowsiness. Headache. Nausea. Weakness. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Artificial respiration if indicated. Refer for medical attention.
•SKIN	Dry skin. Redness.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
•EYES	Redness. Pain.	Safety goggles, face shield.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Abdominal pain (further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Give plenty of water to drink. Rest.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Ventilation. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT let this chemical enter the environment. (Extra personal protection: filter respirator for organic gases and vapours).	Separated from metals (see Chemical Dangers), food and feedstuffs . Keep in the dark. Ventilation along the floor.	Do not transport with food and feedstuffs. Marine pollutant. Xn symbol N symbol R: 40-51/53 S: (2-)23-36/37-61 UN Hazard Class: 6.1 UN Packing Group: III

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0076

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 2001. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

TETRACHLOROETHYLENE

ICSC: 0076

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
The vapour is heavier than air.

CHEMICAL DANGERS:
On contact with hot surfaces or flames this substance decomposes forming toxic and corrosive fumes (hydrogen chloride, phosgene, chlorine). The substance decomposes slowly on contact with moisture producing trichloroacetic acid and hydrochloric acid. Reacts with metals such as aluminium, lithium, barium, beryllium.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 25 ppm; RET(STEL): 100 ppm; (ACGIH 1999).
OSHA PEL: TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 3-hours)
NIOSH REL: Ca Minimize workplace exposure concentrations. See Appendix A
NIOSH IDLH: Potential occupational carcinogen 150 ppm

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation and by ingestion.

INHALATION RISK:
A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance irritates the eyes, the skin and the respiratory tract. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. The substance may cause effects on the central nervous system. Exposure at high levels may result in unconsciousness.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the liver and kidneys. This substance is probably carcinogenic to humans.

PHYSICAL PROPERTIES

Boiling point: 121°C
Melting point: -22°C
Relative density (water = 1): 1.6
Solubility in water, g/100 ml at 20°C: 0.015

Vapour pressure, kPa at 20°C: 1.9
Relative vapour density (air = 1): 5.8
Relative density of the vapour/air-mixture at 20°C (air = 1): 1.09
Octanol/water partition coefficient as log Pow: 2.9

ENVIRONMENTAL DATA	The substance is toxic to aquatic organisms. The substance may cause long-term effects in the aquatic environment.

N O T E S

Depending on the degree of exposure, periodic medical examination is indicated. The odour warning when the exposure limit value is exceeded is insufficient. Do NOT use in the vicinity of a fire or a hot surface, or during welding. An added stabilizer or inhibitor can influence the toxicological properties of this substance, consult an expert.

Transport Emergency Card: TEC (R)-722
NFPA Code: H2; F0; R0;

ADDITIONAL INFORMATION

ICSC: 0076 **TETRACHLOROETHYLENE**

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International Chemical Safety Cards

NAPHTHA (PETROLEUM), HEAVY ALKYLATE

ICSC: 1382

Low boiling point modified naphtha
Aliphatic HC's, iso-paraffins

ICSC # 1382
CAS # 64741-65-7
RTECS #
UN # 1268
EC # 649-275-00-4
March 15, 2001 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Flammable.	NO open flames, NO sparks, and NO smoking.	Water spray, alcohol-resistant foam, powder, carbon dioxide.
EXPLOSION	Above 44°C explosive vapour/air mixtures may be formed.	Above 44°C use a closed system, ventilation, and explosion-proof electrical equipment.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		PREVENT GENERATION OF MISTS!	
•INHALATION	Dizziness. Headache. Drowsiness. Nausea. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	Dry skin.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
•EYES	Redness.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Cough. Diarrhoea. Sore throat. Vomiting. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Do NOT induce vomiting. Refer for medical attention. See Notes.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Ventilation. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer. (Extra personal protection: filter respirator for organic vapours of low boiling compounds.)	Fireproof. Separated from strong oxidants. Well closed.	Note: H, P T symbol R: 45-65 S: 53-45 UN Hazard Class: 3 UN Packing Group: III

SEE IMPORTANT INFORMATION ON BACK

ICSC: 1382

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

NAPHTHA (PETROLEUM), HEAVY ALKYLATE

ICSC: 1382

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS LIQUID

PHYSICAL DANGERS:
The vapour is heavier than air and may travel along the ground; distant ignition possible.

CHEMICAL DANGERS:
Reacts with strong oxidants, causing fire and explosion hazard.

OCCUPATIONAL EXPOSURE LIMITS:
TLV not established.
MAK not established.

at: 3.16 g/kg(25);
The substance can be absorbed into the body by inhalation of its vapour and by ingestion.

INHALATION RISK:
No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20° C.

EFFECTS OF SHORT-TERM EXPOSURE:
The vapour is slightly irritating to the eyes . The substance may cause effects on the central nervous system . Exposure to high concentration of vapours may result in unconsciousness. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

The liquid defats the skin. See Notes.

PHYSICAL PROPERTIES

Boiling point: 172-215°C
Melting point: <-30°C
Density: 0.75-0.79 g/cm3
Solubility in water: none

Vapour pressure, kPa at 20°C: 0.1-0.2
Flash point: >= 44°C c.c.
Auto-ignition temperature: 355 °C
Explosive limits, vol% in air: 0.6-8.0

ENVIRONMENTAL DATA

The substance is toxic to aquatic organisms.

NOTES

This is a mixture of C9-C14 iso- and n-paraffins. Neither the concentration of aromatics nor of hexane is greater than 0.1 % by volume.Note P: the EU classification as carcinogen (R45) does not apply if it can be shown that the benzene content is below 0.1% by volume. Depending on the raw material and the production processes, the composition and physical properties of this solvent can vary considerably. The symptoms of chemical pneumonitis do not become manifest until a few hours or even a few days have passed. Isopar G / L / M, Shellsol T / TK / TD, Soltrol 100 / 130, among others, are trade names.

Transport Emergency Card: TEC (R)-30G35

NFPA Code: H1; F3; R0;

ADDITIONAL INFORMATION

ICSC: 1382	**NAPHTHA (PETROLEUM), HEAVY ALKYLATE**

(C) IPCS, CEC, 1994

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International Chemical Safety Cards

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

ICSC: 1380

Low boiling point hydrogen treated naphtha
Catalytic Reformer Feed

ICSC # 1380
CAS # 64742-48-9
RTECS #
UN # 3295
EC # 649-327-00-6
March 15, 2001 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Flammable.	NO open flames, NO sparks, and NO smoking.	Water spray, alcohol-resistant foam, powder, carbon dioxide.
EXPLOSION	Above 40°C explosive vapour/air mixtures may be formed.	Above 40°C use a closed system, ventilation, and explosion-proof electrical equipment.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		PREVENT GENERATION OF MISTS!	
•INHALATION	Dizziness. Headache. Drowsiness. Nausea. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	Dry skin.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
•EYES	Redness.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Cough. Diarrhoea. Sore throat. Vomiting. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Do NOT induce vomiting. Refer for medical attention. See Notes.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Ventilation. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer. (Extra personal protection: filter respirator for organic vapours of low	Fireproof. Separated from strong oxidants. Well closed.	Note: H, P T symbol R: 45-65 S: 53-45 UN Hazard Class: 3 UN Packing Group: III

boiling compounds.)

SEE IMPORTANT INFORMATION ON BACK

ICSC: 1380

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International Chemical Safety Cards

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

ICSC: 1380

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS LIQUID

PHYSICAL DANGERS:

CHEMICAL DANGERS:
Reacts with strong oxidants, causing fire and explosion hazard.

OCCUPATIONAL EXPOSURE LIMITS:
TLV not established.
MAK not established.

at: 3.16 g/kg(25);
The substance can be absorbed into the body by inhalation of its vapour and by ingestion.

INHALATION RISK:
No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20° C.

EFFECTS OF SHORT-TERM EXPOSURE:
The vapour is slightly irritating to the eyes . The substance may cause effects on the central nervous system . Exposure to high concentration of vapours may result in unconsciousness. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

The liquid defats the skin. See Notes.

PHYSICAL PROPERTIES

Boiling point: 155-217°C
Melting point: < 0°C
Density: 0.76-0.79 g/cm3
Solubility in water: none

Vapour pressure, kPa at 20°C: 0.1-0.3
Flash point: 40-62 °C c.c.
Auto-ignition temperature: 255-270 °C
Explosive limits, vol% in air: 0.7-6.0

ENVIRONMENTAL DATA

The substance is toxic to aquatic organisms.

NOTES

This is a mixture of C9-C13 naphthenes, iso- and n-paraffins. Neither the concentration of aromatics nor of hexane is greater than 0.1% by volume.Note P: the EU classification as carcinogen (R45) does not apply if it can be shown that the benzene content is below 0.1% by volume. Depending on the raw material and the production processes, the composition and physical properties of this solvent can vary considerably. The symptoms of chemical pneumonitis do not become manifest until a few hours or even a few days have passed. Exxsol D40 / D60, Shellsol D40 / D60, Hydrosol P 150 / 180, among others, are trade names.

Transport Emergency Card: TEC (R)-30G35

ADDITIONAL INFORMATION

ICSC: 1380 **NAPHTHA (PETROLEUM), HYDROTREATED HEAVY**

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International Chemical Safety Cards

NAPHTHALENE

ICSC: 0667

Naphthene
$C_{10}H_8$
Molecular mass: 128.18

ICSC # 0667
CAS # 91-20-3
RTECS # QJ0525000
UN # 1334 (solid); 2304 (molten)
EC # 601-052-00-2
April 21, 2005 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION	Above 80°C explosive vapour/air mixtures may be formed. Finely dispersed particles form explosive mixtures in air.	Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting.	
EXPOSURE		PREVENT DISPERSION OF DUST!	
•INHALATION	Headache. Weakness. Nausea. Vomiting. Sweating. Confusion. Jaundice. Dark urine.	Ventilation (not if powder), local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	MAY BE ABSORBED! (Further see Inhalation).	Protective gloves.	Rinse skin with plenty of water or shower.
•EYES		Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Abdominal pain. Diarrhoea. Convulsions. Unconsciousness. (Further see Inhalation).	Do not eat, drink, or smoke during work. Wash hands before eating.	Rest. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Personal protection: filter respirator for organic gases and vapours. Do NOT let this chemical enter the environment. Sweep spilled substance into covered containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place.	Separated from strong oxidants, food and feedstuffs . Store in an area without drain or sewer access.	Do not transport with food and feedstuffs. Marine pollutant. Xn symbol N symbol R: 22-40-50/53 S: 2-36/37-46-60-61

		UN Hazard Class: 4.1 UN Packing Group: III

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0667	Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

NAPHTHALENE

ICSC: 0667

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
WHITE SOLID IN VARIOUS FORMS , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
Dust explosion possible if in powder or granular form, mixed with air.

CHEMICAL DANGERS:
On combustion, forms irritating and toxic gases. Reacts with strong oxidants .

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 10 ppm as TWA; 15 ppm as STEL; (skin); A4 (not classifiable as a human carcinogen); (ACGIH 2005).
MAK: skin absorption (H);
Carcinogen category: 2; Germ cell mutagen group: 3B;
(DFG 2004).
OSHA PEL†: TWA 10 ppm (50 mg/m^3)
NIOSH REL: TWA 10 ppm (50 mg/m^3) ST 15 ppm (75 mg/m^3)
NIOSH IDLH: 250 ppm See: 91203

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation, through the skin and by ingestion.

INHALATION RISK:
A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C. See Notes.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance may cause effects on the blood , resulting in lesions of blood cells (haemolysis) . See Notes. The effects may be delayed. Exposure by ingestion may result in death. Medical observation is indicated.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
The substance may have effects on the blood , resulting in chronic haemolytic anaemia. The substance may have effects on the eyes , resulting in the development of cataract. This substance is possibly carcinogenic to humans.

PHYSICAL PROPERTIES

Boiling point: 218°C

Sublimation slowly at room temperature
Melting point: 80°C
Density: 1.16
g/cm3
Solubility in water, g/100 ml at 25°C:
none

Vapour pressure, Pa at 25°C: 11
Relative vapour density (air = 1): 4.42
Flash point:
80°C c.c.
Auto-ignition temperature: 540°C
Explosive limits, vol% in air: 0.9-5.9
Octanol/water partition coefficient as log Pow:
3.3

ENVIRONMENTAL DATA

The substance is very toxic to aquatic organisms. The substance may cause long-term effects in the aquatic environment.

NOTES

Some individuals may be more sensitive to the effect of naphthalene on blood cells.

Transport Emergency Card: TEC (R)-41S1334 (solid); 41GF1-II+III (solid); 41S2304 (molten)

NFPA Code: H2; F2; R0;

ADDITIONAL INFORMATION

ICSC: 0667 **NAPHTHALENE**

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International Chemical Safety Cards

METHYL TERT-BUTYL ETHER

ICSC: 1164

tert-Butyl methyl ether
MTBE
Methyl-1,1-dimethylethyl ether
2-Methoxy-2-methyl propane
$(CH_3)_3COCH_3$ / $C_5H_{12}O$
Molecular mass: 88.2

ICSC # 1164
CAS # 1634-04-4
RTECS # KN5250000
UN # 2398
EC # 603-181-00-X
April 11, 2000 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Highly flammable.	NO open flames, NO sparks, and NO smoking. NO contact with oxidants.	Powder, AFFF, foam, carbon dioxide.
EXPLOSION	Vapour/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Do NOT use compressed air for filling, discharging, or handling.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE			
•INHALATION	Drowsiness. Dizziness. Headache. Weakness. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Artificial respiration may be needed. Refer for medical attention.
•SKIN	Dry skin. Redness.	Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
•EYES	Redness.	Safety goggles or face shield.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Abdominal pain. Nausea. Vomiting. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Give a slurry of activated charcoal in water to drink. Do NOT induce vomiting. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING

Remove all ignition sources. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer. Personal protection: filter respirator for organic gases and vapours.	Fireproof. Separated from strong oxidants, strong acids.	F symbol Xi symbol R: 11-38 S: 2-9-16-24 UN Hazard Class: 3 UN Packing Group: II

SEE IMPORTANT INFORMATION ON BACK

ICSC: 1164

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

METHYL TERT-BUTYL ETHER

ICSC: 1164

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
The vapour is heavier than air and may travel along the ground; distant ignition possible.

CHEMICAL DANGERS:
Reacts violently with strong oxidants causing fire hazard. The substance decomposes on contact with acids.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 50 ppm as TWA; A3; (ACGIH 2004).
MAK: 50 ppm, 180 mg/m³;
Peak limitation category: I(1.5); Carcinogen category: 3B; Pregnancy risk group: C; (DFG 2004).

at: 3.16 g/kg(25);
The substance can be absorbed into the body by inhalation and by ingestion.

INHALATION RISK:
A harmful contamination of the air can be reached rather quickly on evaporation of this substance at 20°C.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance is irritating to the skin. If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis. Exposure far above the OEL could cause lowering of consciousness.

PHYSICAL PROPERTIES

Boiling point: 55°C
Melting point: -109°C
Relative density (water = 1): 0.7
Solubility in water, g/100 ml at 20°C: 4.2
Vapour pressure, kPa at 20°C: 27
Relative vapour density (air = 1): 3.0

Relative density of the vapour/air-mixture at 20°C (air = 1): 1.5
Flash point:
-28°C c.c.
Auto-ignition temperature: 375°C
Explosive limits, vol% in air: 1.6-15.1
Octanol/water partition coefficient as log Pow: 1.06

ENVIRONMENTAL DATA

It is strongly advised not to let the chemical enter into the environment because it persists in the environment.

NOTES

Much less likely to form peroxides than other ethers. Card has been partly updated in October 2004. See sections Occupational Exposure Limits, EU classification, Emergency Response.

Transport Emergency Card: TEC (R)-30GF1-I+II

ADDITIONAL INFORMATION

ICSC: 1164 **METHYL TERT-BUTYL ETHER**

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International Chemical Safety Cards

MERCURY

ICSC: 0056

Quicksilver
Liquid silver
Hg
Atomic mass: 200.6

ICSC # 0056
CAS # 7439-97-6
RTECS # OV4550000
UN # 2809
EC # 080-001-00-0
April 22, 2004 Peer reviewe

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Not combustible. Gives off irritating or toxic fumes (or gases) in a fire.		In case of fire in the surroundings: use appropriate extinguishing media.
EXPLOSION	Risk of fire and explosion.		In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		STRICT HYGIENE! AVOID EXPOSURE OF (PREGNANT) WOMEN! AVOID EXPOSURE OF ADOLESCENTS AND CHILDREN!	IN ALL CASES CONSULT A DOCTOR!
•INHALATION	Abdominal pain. Cough. Diarrhoea. Shortness of breath. Vomiting. Fever or elevated body temperature.	Local exhaust or breathing protection.	Fresh air, rest. Artificial respiration if indicated. Refer for medical attention.
•SKIN	MAY BE ABSORBED! Redness.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
•EYES		Face shield, or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION		Do not eat, drink, or smoke during work. Wash hands before eating.	Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Evacuate danger area in case of a large	Provision to contain effluent from fire	Special material. Do not transport with

spill! Consult an expert! Ventilation. Collect leaking and spilled liquid in sealable non-metallic containers as far as possible. Do NOT wash away into sewer. Do NOT let this chemical enter the environment. Chemical protection suit including self-contained breathing apparatus.	extinguishing. Separated from food and feedstuffs . Well closed.	food and feedstuffs. T symbol N symbol R: 23-33-50/53 S: 1/2-7-45-60-61 UN Hazard Class: 8 UN Packing Group: III

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0056

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

MERCURY

ICSC: 0056

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
ODOURLESS, HEAVY AND MOBILE SILVERY LIQUID METAL.

PHYSICAL DANGERS:

CHEMICAL DANGERS:
Upon heating, toxic fumes are formed. Reacts violently with ammonia and halogens causing fire and explosion hazard. Attacks aluminium and many other metals forming amalgams.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 0.025 mg/m³ as TWA; (skin); A4; BEI issued; (ACGIH 2004).
MAK: 0.1 mg/m³; Sh;
Peak limitation category: II(8); Carcinogen category: 3B;
(DFG 2003).
OSHA PEL†: C 0.1 mg/m^3
NIOSH REL: Hg Vapor: TWA 0.05 mg/m^3 skin
Other: C 0.1 mg/m^3 skin
NIOSH IDLH: 10 mg/m^3 (as Hg) See: 7439976

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation of its vapour and through the skin , also as a vapour!

INHALATION RISK:
A harmful contamination of the air can be reached very quickly on evaporation of this substance at 20°C.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance is irritating to the skin. Inhalation of the vapours may cause pneumonitis. The substance may cause effects on the central nervous systemandkidneys. The effects may be delayed. Medical observation is indicated.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
The substance may have effects on the central nervous system and kidneys , resulting in irritability, emotional instability, tremor, mental and memory disturbances, speech disorders. May cause inflammation and discoloration of the gums. Danger of cumulative effects. Animal tests show that this substance possibly causes toxic effects upon human reproduction.

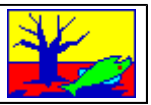
PHYSICAL PROPERTIES

Boiling point: 357°C
Melting point: -39°C
Relative density (water = 1): 13.5
Solubility in water:
none

Vapour pressure, Pa at 20°C: 0.26
Relative vapour density (air = 1): 6.93
Relative density of the vapour/air-mixture at 20°C (air = 1): 1.009

ENVIRONMENTAL DATA

The substance is very toxic to aquatic organisms. In the food chain important to humans, bioaccumulation takes place, specifically in fish.



NOTES

Depending on the degree of exposure, periodic medical examination is indicated. No odour warning if toxic concentrations are present. Do NOT take working clothes home.

Transport Emergency Card: TEC (R)-80GC9-II+III

ADDITIONAL INFORMATION

ICSC: 0056 **MERCURY**

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NIOSH Pocket Guide to Chemical Hazards

Lead	**CAS** 7439-92-1
Pb	**RTECS** OF7525000
Synonyms & Trade Names Lead metal, Plumbum	**DOT ID & Guide**

Exposure Limits	NIOSH REL*: TWA 0.050 mg/m^3 See Appendix C [*Note: The REL also applies to other lead compounds (as Pb) -- see Appendix C.]
	OSHA PEL*: [1910.1025] TWA 0.050 mg/m^3 See Appendix C [*Note: The PEL also applies to other lead compounds (as Pb) -- see Appendix C.]

IDLH 100 mg/m^3 (as Pb) See: 7439921	**Conversion**

Physical Description
A heavy, ductile, soft, gray solid.

MW: 207.2	BP: 3164°F	MLT: 621°F	Sol: Insoluble
VP: 0 mmHg (approx)	IP: NA		Sp.Gr: 11.34
Fl.P: NA	UEL: NA	LEL: NA	

Noncombustible Solid in bulk form.

Incompatibilities & Reactivities
Strong oxidizers, hydrogen peroxide, acids

Measurement Methods
NIOSH 7082, 7105, 7300, 7700, 7701, 7702, 9100, 9105; OSHA ID121, ID125G, ID206
See: NMAM or OSHA Methods

Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: Daily Remove: When wet or contaminated Change: Daily	**First Aid** (See procedures) Eye: Irrigate immediately Skin: Soap flush promptly Breathing: Respiratory support Swallow: Medical attention immediately

Important additional information about respirator selection

Respirator Recommendations NIOSH/OSHA

Up to 0.5 mg/m^3: (APF = 10) Any air-purifying respirator with a high-efficiency particulate filter/(APF = 10) Any supplied-air respirator

Up to 1.25 mg/m^3: (APF = 25) Any supplied-air respirator operated in a continuous-flow mode/(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter

Up to 2.5 mg/m^3: (APF = 50) Any air-purifying, full-facepiece respirator with a high-efficiency particulate filter/(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode/(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter/(APF = 50) Any self-contained breathing apparatus with a full facepiece/(APF = 50) Any supplied-air respirator with a full facepiece

Up to 50 mg/m^3: (APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Up to 100 mg/m^3: (APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape: (APF = 50) Any air-purifying, full-facepiece respirator with a high-efficiency particulate filter/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypotension
Target Organs Eyes, gastrointestinal tract, central nervous system, kidneys, blood, gingival tissue
See also: INTRODUCTION See ICSC CARD: 0052 See MEDICAL TESTS: 0127

International Chemical Safety Cards

LEAD

ICSC: 0052

Lead metal
Plumbum
Pb
Atomic mass: 207.2
(powder)

ICSC # 0052
CAS # 7439-92-1
RTECS # OF7525000

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Not combustible. Gives off irritating or toxic fumes (or gases) in a fire.		In case of fire in the surroundings: use appropriate extinguishing media.
EXPLOSION	Finely dispersed particles form explosive mixtures in air.	Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting.	
EXPOSURE	See EFFECTS OF LONG-TERM OR REPEATED EXPOSURE.	PREVENT DISPERSION OF DUST! AVOID EXPOSURE OF (PREGNANT) WOMEN!	
•INHALATION		Local exhaust or breathing protection.	Fresh air, rest.
•SKIN		Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
•EYES		Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Abdominal pain. Nausea. Vomiting.	Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth. Give plenty of water to drink. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place. Do NOT let this chemical enter the environment. (Extra personal protection: P3 filter respirator for toxic particles.)	Separated from food and feedstuffs and incompatible materials . See Chemical Dangers.	R: S:
SEE IMPORTANT INFORMATION ON BACK		
ICSC: 0052	Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.	

International Chemical Safety Cards

LEAD

ICSC: 0052

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
BLUISH-WHITE OR SILVERY-GREY SOLID IN VARIOUS FORMS. TURNS TARNISHED ON EXPOSURE TO AIR.

PHYSICAL DANGERS:
Dust explosion possible if in powder or granular form, mixed with air.

CHEMICAL DANGERS:
On heating, toxic fumes are formed. Reacts with oxidants. Reacts with hot concentrated nitric acid, boiling concentrated hydrochloric acid and sulfuric acid. Attacked by pure water and by weak organic acids in the presence of oxygen.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 0.05 mg/m³; A3; (ACGIH 2002).
EU OEL: as TWA 0.15 mg/m³; (EU 2002).
OSHA PEL*: 1910.1025 TWA 0.050 mg/m^3 See Appendix C *Note: The PEL also applies to other lead
NIOSH REL*: TWA 0.050 mg/m^3 See Appendix C *Note: The REL also applies to other lead
NIOSH IDLH: 100 mg/m^3 (as Pb)

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation and by ingestion.

INHALATION RISK:
A harmful concentration of airborne particles can be reached quickly when dispersed, especially if powdered.

EFFECTS OF SHORT-TERM EXPOSURE:

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
The substance may have effects on the blood , bone marrow , central nervous system , peripheral nervous system and kidneys , resulting in anaemia, encephalopathy (e.g., convulsions), peripheral nerve disease, abdominal cramps and kidney impairment. Causes toxicity to human reproduction or development.

PHYSICAL PROPERTIES	Boiling point: 1740°C Melting point: 327.5°C	Density: 11.34 g/cm3 Solubility in water: none
ENVIRONMENTAL DATA	Bioaccumulation of this chemical may occur in plants and in mammals. It is strongly advised that this substance does not enter the environment.	

N O T E S

Depending on the degree of exposure, periodic medical examination is suggested. Do NOT take working clothes home.

Transport Emergency Card: TEC (R)-51S1872

ADDITIONAL INFORMATION

ICSC: 0052 **LEAD**

(C) IPCS, CEC, 1994

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International Chemical Safety Cards

ETHYLENE

ICSC: 0475

Ethene
C_2H_4 / $CH_2=CH_2$
Molecular mass: 28.0
(cylinder)

ICSC # 0475
CAS # 74-85-1
RTECS # KU5340000
UN # 1962
EC # 601-010-00-3
March 25, 1996 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Extremely flammable.	NO open flames, NO sparks, and NO smoking.	Shut off supply; if not possible and no risk to surroundings, let the fire burn itself out; in other cases extinguish with water spray.
EXPLOSION	Gas/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Prevent build-up of electrostatic charges (e.g., by grounding). Use non-sparking handtools.	In case of fire: keep cylinder cool by spraying with water. Combat fire from a sheltered position.
EXPOSURE			
•INHALATION	Drowsiness. Unconsciousness.	Ventilation.	Fresh air, rest. Artificial respiration may be needed. Refer for medical attention.
•SKIN			
•EYES			
•INGESTION			

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Evacuate danger area! Ventilation. Remove all ignition sources and turn off gas at source if possible. Personal protection: chemical protection suit including self-contained breathing apparatus.	Fireproof. Separated from strong oxidants.	F+ symbol R: 12-67 S: 2-9-16-33-46 UN Hazard Class: 2.1

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0475

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

ETHYLENE

ICSC: 0475

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS COMPRESSED GAS , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
The gas is lighter than air. As a result of flow, agitation, etc., electrostatic charges can be generated.

CHEMICAL DANGERS:
The substance may polymerize to form aromatic compounds under the influence of temperatures above 600°C. Reacts with strong oxidants causing fire and explosion hazard.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 200 ppm as TWA; A4 (not classifiable as a human carcinogen); (ACGIH 2005).
MAK:
Carcinogen category: 3B;
(DFG 2005).

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation.

INHALATION RISK:
On loss of containment this gas can cause suffocation by lowering the oxygen content of the air in confined areas.

EFFECTS OF SHORT-TERM EXPOSURE:
Exposure could cause lowering of consciousness.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:

PHYSICAL PROPERTIES

Boiling point: -104°C
Melting point: -169.2°C
Solubility in water:
none
Vapour pressure, kPa at 15°C: 8100

Relative vapour density (air = 1): 0.98
Flash point: Flammable Gas
Auto-ignition temperature: 490°C
Explosive limits, vol% in air: 2.7-36.0

ENVIRONMENTAL DATA

NOTES

High concentrations in the air cause a deficiency of oxygen with the risk of unconsciousness or death. Check oxygen content before entering area. Card has been partly updated in October 2004 and 2005. See sections Occupational Exposure Limits, EU classification, Emergency Response.

Transport Emergency Card: TEC (R)-20S1962

NFPA Code: H1; F4; R2;

ADDITIONAL INFORMATION

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NIOSH Pocket Guide to Chemical Hazards

Benzene	**CAS** 71-43-2
C_6H_6	**RTECS** CY1400000
Synonyms & Trade Names Benzol, Phenyl hydride	**DOT ID & Guide** 1114 130

Exposure Limits	NIOSH REL: Ca TWA 0.1 ppm ST 1 ppm See Appendix A
	OSHA PEL: [1910.1028] TWA 1 ppm ST 5 ppm See Appendix F
IDLH Ca [500 ppm] See: 71432	**Conversion** 1 ppm = 3.19 mg/m^3

Physical Description
Colorless to light-yellow liquid with an aromatic odor. [Note: A solid below 42°F.]

MW: 78.1	BP: 176°F	FRZ: 42°F	Sol: 0.07%
VP: 75 mmHg	IP: 9.24 eV		Sp.Gr: 0.88
Fl.P: 12°F	UEL: 7.8%	LEL: 1.2%	

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers, many fluorides & perchlorates, nitric acid

Measurement Methods
NIOSH 1500, 1501, 3700, 3800; OSHA 12, 1005
See: NMAM or OSHA Methods

Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet (flammable) Change: No recommendation Provide: Eyewash, Quick drench	**First Aid** (See procedures) Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, blood, central nervous system, bone marrow

Cancer Site [leukemia]

See also: INTRODUCTION See ICSC CARD: 0015 See MEDICAL TESTS: 0022

International Chemical Safety Cards

BENZENE

ICSC: 0015

Cyclohexatriene
Benzol
C_6H_6
Molecular mass: 78.1

ICSC # 0015
CAS # 71-43-2
RTECS # CY1400000
UN # 1114
EC # 601-020-00-8

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Highly flammable.	NO open flames, NO sparks, and NO smoking.	Powder, AFFF, foam, carbon dioxide.
EXPLOSION	Vapour/air mixtures are explosive. Risk of fire and explosion: see Chemical Dangers.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Do NOT use compressed air for filling, discharging, or handling. Use non-sparking handtools. Prevent build-up of electrostatic charges (e.g., by grounding).	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		AVOID ALL CONTACT!	
•INHALATION	Dizziness. Drowsiness. Headache. Nausea. Shortness of breath. Convulsions. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	MAY BE ABSORBED! Dry skin. Redness. Pain. (Further see Inhalation).	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.
•EYES	Redness. Pain.	Face shield, or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Abdominal pain. Sore throat. Vomiting. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Remove all ignition sources. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer. Do NOT let this chemical enter the environment. (Extra personal protection: complete protective clothing including self-contained breathing apparatus).	Fireproof. Separated from food and feedstuffs oxidants and halogens .	Do not transport with food and feedstuffs. Note: E F symbol T symbol R: 45-11-48/23/24/25 S: 53-45 UN Hazard Class: 3 UN Packing Group: II

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0015

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 2003. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

BENZENE

ICSC: 0015

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
The vapour is heavier than air and may travel along the ground; distant ignition possible. As a result of flow, agitation, etc., electrostatic charges can be generated.

CHEMICAL DANGERS:
Reacts violently with oxidants, nitric acid, sulfuric acid and halogens causing fire and explosion hazard. Attacks plastic and rubber.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 0.5 ppm as TWA; 2.5 ppm as STEL; (skin); A1; BEI issued; (ACGIH 2003).
MAK: H;
Carcinogen category: 1; Germ cell mutagen group: 3A;
(DFG 2002).
OSHA PEL: 1910.1028 TWA 1 ppm ST 5 ppm See Appendix F
NIOSH REL: Ca TWA 0.1 ppm ST 1 ppm See Appendix A
NIOSH IDLH: Potential occupational carcinogen 500 ppm

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation , through the skin and by ingestion .

INHALATION RISK:
A harmful contamination of the air can be reached very quickly on evaporation of this substance at 20°C.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance is irritating to the eyes , the skin and the respiratory tract . Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. The substance may cause effects on the central nervous system , resulting in lowering of consciousness . Exposure far above the occupational exposure limit value may result in unconsciousness and death .

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
The liquid defats the skin. The substance may have effects on the bone marrow and immune system , resulting in a decrease of blood cells. This substance is carcinogenic to humans.

PHYSICAL PROPERTIES	Boiling point: 80°C Melting point: 6°C Relative density (water = 1): 0.88 Solubility in water, g/100 ml at 25°C: 0.18 Vapour pressure, kPa at 20°C: 10 Relative vapour density (air = 1): 2.7 Relative density of the vapour/air-mixture at 20°C (air = 1): 1.2 Flash point: -11°C c.c. Auto-ignition temperature: 498°C Explosive limits, vol% in air: 1.2-8.0 Octanol/water partition coefficient as log Pow: 2.13
ENVIRONMENTAL DATA	The substance is very toxic to aquatic organisms.

N O T E S

Use of alcoholic beverages enhances the harmful effect. Depending on the degree of exposure, periodic medical examination is indicated. The odour warning when the exposure limit value is exceeded is insufficient.

Transport Emergency Card: TEC (R)-30S1114/30GF1-II
NFPA Code: H2; F3; R0.

ADDITIONAL INFORMATION

ICSC: 0015 **BENZENE**

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International Chemical Safety Cards

ANTHRACENE

ICSC: 0825

Anthracin
Paranaphthalene
$C_{14}H_{10}$ / $(C_6H_4CH)_2$
Molecular mass: 178.2

ICSC # 0825
CAS # 120-12-7
RTECS # CA9350000
March 24, 1999 Peer reviewed

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION	Finely dispersed particles form explosive mixtures in air.	Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		PREVENT DISPERSION OF DUST!	
•INHALATION	Cough. Sore throat.	Ventilation (not if powder), local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	Redness.	Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
•EYES	Redness. Pain.	Safety spectacles, face shield, or eye protection in combination with breathing protection if powder.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Abdominal pain.	Do not eat, drink, or smoke during work.	Rinse mouth. Rest. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Sweep spilled substance into containers. Carefully collect remainder, then remove to safe place Do NOT let this chemical enter the environment. (Extra personal protection: P2 filter respirator for harmful particles).	Separated from strong oxidants. Well closed.	R: S:

SEE IMPORTANT INFORMATION ON BACK

Prepared in the context of cooperation between the International Programme on Chemical Safety & the

ICSC: 0825

Commission of the European Communities (C) IPCS CEC 1994. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

ANTHRACENE

ICSC: 0825

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
WHITE CRYSTALS OR FLAKES.

PHYSICAL DANGERS:
Dust explosion possible if in powder or granular form, mixed with air.

CHEMICAL DANGERS:
The substance decomposes on heating, under influence of strong oxidants producing acrid, toxic fume , causing fire and explosion hazard.

OCCUPATIONAL EXPOSURE LIMITS:
TLV not established.

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation.

INHALATION RISK:
Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance slightly irritates the skin and the respiratory tract.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
Repeated or prolonged contact with skin may cause dermatitis under the influence of UV light.

PHYSICAL PROPERTIES

Boiling point: 342°C
Melting point: 218°C
Density: 1.25-1.28 g/cm3
Solubility in water, g/100 ml at 20 °C: 0.00013
Vapour pressure, Pa at 25°C: 0.08

Relative vapour density (air = 1): 6.15
Flash point: 121°C
Auto-ignition temperature: 538°C
Explosive limits, vol% in air: 0.6-?
Octanol/water partition coefficient as log Pow: 4.5 (calculated)

ENVIRONMENTAL DATA

The substance is very toxic to aquatic organisms. The substance may cause long-term effects in the aquatic environment.

NOTES

Green oil, Tetra-olive N2G are trade names.

NFPA Code: H0; F1; R;

ADDITIONAL INFORMATION

ICSC: 0825 **ANTHRACENE**

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NIOSH Pocket Guide to Chemical Hazards

Acetone	**CAS** 67-64-1
$(CH_3)_2CO$	**RTECS** AL3150000
Synonyms & Trade Names Dimethyl ketone, Ketone propane, 2-Propanone	**DOT ID & Guide** 1090 127

Exposure Limits	NIOSH REL: TWA 250 ppm (590 mg/m^3)
	OSHA PEL†: TWA 1000 ppm (2400 mg/m^3)

IDLH 2500 ppm [10%LEL] See: 67641	**Conversion** 1 ppm = 2.38 mg/m^3

Physical Description
Colorless liquid with a fragrant, mint-like odor.

MW: 58.1	BP: 133°F	FRZ: -140°F	Sol: Miscible
VP: 180 mmHg	IP: 9.69 eV		Sp.Gr: 0.79
Fl.P: 0°F	UEL: 12.8%	LEL: 2.5%	

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Oxidizers, acids

Measurement Methods
NIOSH 1300, 3800; OSHA 69
See: NMAM or OSHA Methods

Personal Protection & Sanitation Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet (flammable) Change: No recommendation	**First Aid** (See procedures) Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH
Up to 2500 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms Irritation eyes, nose, throat; headache, dizziness, central nervous system depression; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system

See also: INTRODUCTION See ICSC CARD: 0087 See MEDICAL TESTS: 0002

International Chemical Safety Cards

ACETONE

ICSC: 0087

2-Propanone
Dimethyl ketone
Methyl ketone
C_3H_6O / CH_3COCH_3
Molecular mass: 58.1

ICSC # 0087
CAS # 67-64-1
RTECS # AL3150000
UN # 1090
EC # 606-001-00-8

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Highly flammable.	NO open flames, NO sparks, and NO smoking.	Powder, alcohol-resistant foam, water in large amounts, carbon dioxide.
EXPLOSION	Vapour/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Do NOT use compressed air for filling, discharging, or handling.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE			
•INHALATION	Sore throat. Cough. Confusion. Headache. Dizziness. Drowsiness. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	Dry skin.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
•EYES	Redness. Pain. Blurred vision. Possible corneal damage.	Safety spectacles, or face shield. Contact lenses should not be worn.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION	Nausea. Vomiting. (Further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Ventilation. Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer. Then wash away with plenty of water. (Extra personal protection: self-contained breathing apparatus).	Fireproof. Separated from strong oxidants.	F symbol R: 11 S: 2-9-16-23-33 UN Hazard Class: 3 UN Packing Group: II

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0087

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 2002. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.

International Chemical Safety Cards

ACETONE

ICSC: 0087

IMPORTANT DATA

PHYSICAL STATE; APPEARANCE:
COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
The vapour is heavier than air and may travel along the ground; distant ignition possible.

CHEMICAL DANGERS:
The substance can form explosive peroxides on contact with strong oxidants such as acetic acid, nitric acid, hydrogen peroxide. Reacts with chloroform and bromoform under basic conditions, causing fire and explosion hazard. Attacks plastic.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 750 ppm; 1780 mg/m^3 (ACGIH 1993-1993).
OSHA PEL: TWA 1000 ppm (2400 mg/m^3)
NIOSH REL: TWA 250 ppm (590 mg/m^3)
NIOSH IDLH: 2500 ppm LEL

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation and through the skin.

INHALATION RISK:
A harmful contamination of the air can be reached rather quickly on evaporation of this substance at 20°C on dispersing however much faster.

EFFECTS OF SHORT-TERM EXPOSURE:
The vapour irritates the eyes and the respiratory tract. The substance may cause effects on the central nervous system, liver, kidneys and gastrointestinal tract.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the blood and bone marrow.

PHYSICAL PROPERTIES

Boiling point: 56°C
Melting point: -95°C
Relative density (water = 1): 0.8
Solubility in water: miscible
Vapour pressure, kPa at 20°C: 24
Relative vapour density (air = 1): 2.0
Relative density of the vapour/air-mixture at 20°C (air = 1): 1.2
Flash point: -18°C c.c.
Auto-ignition temperature: 465°C
Explosive limits, vol% in air: 2.2-13
Octanol/water partition coefficient as log Pow: -0.24

ENVIRONMENTAL DATA

NOTES

Use of alcoholic beverages enhances the harmful effect.

Transport Emergency Card: TEC (R)-30
NFPA Code: H 1; F 3; R 0;.

ADDITIONAL INFORMATION

ICSC: 0087 **ACETONE**

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NIOSH Pocket Guide to Chemical Hazards

Vinyl chloride	**CAS** 75-01-4
CH_2=CHCl	**RTECS** KU9625000
Synonyms & Trade Names Chloroethene, Chloroethylene, Ethylene monochloride, Monochloroethene, Monochloroethylene, VC, Vinyl chloride monomer (VCM)	**DOT ID & Guide** 1086 116P

Exposure Limits	NIOSH REL: Ca See Appendix A
	OSHA PEL: [1910.1017] TWA 1 ppm C 5 ppm [15-minute]

IDLH Ca [N.D.] See: IDLH INDEX	**Conversion** 1 ppm = 2.56 mg/m^3

Physical Description
Colorless gas or liquid (below 7°F) with a pleasant odor at high concentrations. [Note: Shipped as a liquefied compressed gas.]

MW: 62.5	BP: 7°F	FRZ: -256°F	Sol(77°F): 0.1%
VP: 3.3 atm	IP: 9.99 eV	RGasD: 2.21	
Fl.P: NA (Gas)	UEL: 33.0%	LEL: 3.6%	

Flammable Gas

Incompatibilities & Reactivities
Copper, oxidizers, aluminum, peroxides, iron, steel [Note: Polymerizes in air, sunlight, or heat unless stabilized by inhibitors such as phenol. Attacks iron & steel in presence of moisture.]

Measurement Methods
NIOSH 1007; OSHA 4, 75
See: NMAM or OSHA Methods

Personal Protection & Sanitation Skin: Frostbite Eyes: Frostbite Wash skin: No recommendation Remove: When wet (flammable) Change: No recommendation Provide: Frostbite	**First Aid** (See procedures) Eye: Frostbite Skin: Frostbite Breathing: Respiratory support

Important additional information about respirator selection
Respirator Recommendations NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin, and/or eye contact (liquid)

Symptoms Lassitude (weakness, exhaustion); abdominal pain, gastrointestinal bleeding; enlarged liver; pallor or cyanosis of extremities; liquid: frostbite; [potential occupational carcinogen]

Target Organs Liver, central nervous system, blood, respiratory system, lymphatic system

Cancer Site [liver cancer]

See also: INTRODUCTION See ICSC CARD: 0082 See MEDICAL TESTS: 0241

International Chemical Safety Cards

VINYL CHLORIDE

ICSC: 0082

Chloroethene
Chloroethylene
VCM
C_2H_3Cl / $H_2C{=}CHCl$
Molecular mass: 62.5
(cylinder)

ICSC # 0082
CAS # 75-01-4
RTECS # KU9625000
UN # 1086 (stabilized)
EC # 602-023-00-7

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Extremely flammable. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames, NO sparks, and NO smoking.	Shut off supply; if not possible and no risk to surroundings, let the fire burn itself out; in other cases extinguish with powder, carbon dioxide.
EXPLOSION	Gas/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Use non-sparking handtools.	In case of fire: keep cylinder cool by spraying with water. Combat fire from a sheltered position.
EXPOSURE		AVOID ALL CONTACT!	IN ALL CASES CONSULT A DOCTOR!
•INHALATION	Dizziness. Drowsiness. Headache. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
•SKIN	ON CONTACT WITH LIQUID: FROSTBITE.	Protective gloves. Cold-insulating gloves. Protective clothing.	ON FROSTBITE: rinse with plenty of water, do NOT remove clothes.
•EYES	Redness. Pain.	Safety goggles, or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
•INGESTION		Do not eat, drink, or smoke during work.	

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Evacuate danger area! Consult an expert! Ventilation. Remove all ignition sources. (Extra personal protection: complete protective clothing including self-contained breathing apparatus).	Fireproof. Separated from incompatible materials (see Chemical Dangers). Cool. Store only if stabilized.	Note: D F+ symbol T symbol R: 45-12 S: 53-45 UN Hazard Class: 2.1
SEE IMPORTANT INFORMATION ON BACK		
ICSC: 0082	Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 2000. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.	

International Chemical Safety Cards

VINYL CHLORIDE

ICSC: 0082

I M P O R T A N T D A T A

PHYSICAL STATE; APPEARANCE:
COLOURLESS COMPRESSED LIQUEFIED GAS , WITH CHARACTERISTIC ODOUR.

PHYSICAL DANGERS:
The gas is heavier than air, and may travel along the ground; distant ignition possible. Vinyl chloride monomer vapours are uninhibited and may form polymers in vents or flame arresters of storage tanks, resulting in blockage of vents.

CHEMICAL DANGERS:
The substance can under specific circumstances form peroxides, initiating explosive polymerization. The substance will polymerize readily due to heating and under the influence of air, light, and on contact with a catalyst, strong oxidizing agents and metals such as copper and aluminium, with fire or explosion hazard. The substance decomposes on burning producing toxic and corrosive fumes (hydrogen chloride , phosgene). Attacks iron and steel in the presence of moisture.

OCCUPATIONAL EXPOSURE LIMITS:
TLV: 1 ppm; A1 (ACGIH 1999).
OSHA PEL: 1910.1017 TWA 1 ppm C 5 ppm 15-minute
NIOSH REL: Ca See Appendix A
NIOSH IDLH: Potential occupational carcinogen No data

ROUTES OF EXPOSURE:
The substance can be absorbed into the body by inhalation.

INHALATION RISK:
A harmful concentration of this gas in the air will be reached very quickly on loss of containment.

EFFECTS OF SHORT-TERM EXPOSURE:
The substance irritates the eyes. The liquid may cause frostbite. The substance may cause effects on the central nervous system . Exposure could cause lowering of consciousness. Medical observation is indicated.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
The substance may have effects on the liver, spleen, blood andperipheral blood vessels, and tissue and bones of the fingers. This substance is carcinogenic to humans.

PHYSICAL PROPERTIES	Boiling point: -13°C Melting point: -154°C Relative density (water = 1): (liquid) 0.9 Density: (vapour) at 15°C 8 g/l Solubility in water: none	Relative vapour density (air = 1): 2.2 Flash point: -78°C c.c. Auto-ignition temperature: 472°C Explosive limits, vol% in air: 3.6-33 Octanol/water partition coefficient as log Pow: 0.6
ENVIRONMENTAL DATA	This substance may be hazardous to the environment; special attention should be given to ground water .	

N O T E S

Depending on the degree of exposure, periodic medical examination is indicated. The odour warning when the exposure limit value is exceeded is insufficient. Do NOT use in the vicinity of a fire or a hot surface, or during welding. An added stabilizer or inhibitor can influence the toxicological properties of this substance, consult an expert.

Transport Emergency Card: TEC (R)-150
NFPA Code: H 2; F 4; R 2;

ADDITIONAL INFORMATION

ICSC: 0082 **VINYL CHLORIDE**

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All information located within this document is privileged, confidential and/or proprietary

-- FINAL --

Environmental Site Investigation Work Plan (SIWP)

for

245-247 Driggs Avenue, Brooklyn, NY, 11222

Block 2699, Lots 15 and 17

Prepared for:

GLOBAL PARAGON

347 Fifth Avenue, Suite 1402, New York, NY 10016

www.globalparagon.com

Prepared by:

GRANT engineering

37 Wall Street - PH A - New York, NY 10005

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June 18, 2012

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FIGURES

Figure 1 Site Location Map
Figure 2 Sample Location Plan

1.0 INTRODUCTION

At the request of Global Paragon, GRANT engineering (GRANT) has prepared this site specific Subsurface Investigation Work Plan (SIWP) for the property located at 245-247 Driggs Avenue, Brooklyn, NY 11222 (hereinafter referred to as the "Site"). The Site is identified by the New York Department of Building (NYC DOB) as Block 2699, Lots 17 and 15 (245 and 247 Driggs Avenue, respectively).

It is understood that Global Paragon has recently acquired the Site and intends to convert the Site to two, independent multi-story residential buildings. Redevelopment engineering plans are not in place for the Site at the time of this report, however it is understood the footprint of the planned residential structure will comprise the northern half of the Site and the structure will have a cellar.

1.1 Project Location and Description

According to review of fire insurance maps, the Site was fully developed prior to year 1887 and has been used historically for residential and commercial purposes. Lot 17 measures approximately 4,048 sq ft (47.42' x 89.5') and contains a three-story wood frame structure built in approximately 1928. Lot 15 measures approximately 4,164 sq ft (43.42' x 95.92') and is currently vacant, though was previously developed. The Site is in a residential district, designated as R6B by zoning map 13a. There is a mixture of light commercial and residential buildings in the immediate vicinity of the Site. Refer to **Figure 1** - Site Location Map and **Figure 2** – Sample Location Plan.

1.2 Purpose and Scope of Work

This site specific SIWP presents measures to determine the presence of surficial and subsurface contamination through implementation of exploratory soil borings, groundwater sampling and gauging, soil vapor sampling, analytical laboratory testing, and other engineering judgment protocols in the field. Analytical laboratory results will present data for use in evaluating soil and groundwater impacts, and harmful soil vapors (if present).

The purpose of the site investigation scope of services is to characterize subsurface conditions and determine if there is impacted soil, groundwater, and soil vapor at the Site, if any, originating from the historic land uses and activities at the Site and/or surrounding properties, and to comply with the rules and regulations associated with the Site's e-designation.

Results of this investigation will assist to evaluate handling, management and disposal requirements of excavated soil generated during construction activities. In addition, the results of the soil gas study will determine if engineering controls such as sub-slab depressurization systems and/or vapor barriers should be incorporated into the design of the new construction. A Site Map with the proposed boring locations is included for reference as **Figure 2** – Sample Location Plan.

2.0 SITE CONDITIONS AND ENVIRONMENTAL SETTING

An inspection of the Site was conducted on May 15, 2012 by Mr. Stephen A. Morse, PE and Matthew Petrucci of GRANT. The Site inspection included a Site assessment and observation of neighboring properties. The objective of the Site inspection was to observe any unusual features indicative of potential environmental contamination (i.e. leaking, staining, soil discoloration, and stressed vegetation). Current land use activities were observed and inquiries were made concerning past land use.

2.1 Site Location

The Site is located at 245-247 Driggs Avenue, Brooklyn, NY 11222. The property is located on the south side of Driggs Avenue. The Site consists of two trapezoidal shaped lots developed with a 3-story wood framed building. The sidewalk exists along the northern and eastern property line. The western property line abuts an industrial / manufacturing building. The southern property line abuts a residential building. Across Driggs Avenue to the north are 2-3 story residential and commercial developments. To the east of the Site are residential lots. Land usage of the surrounding area is predominantly mixed consisting of residential and commercial properties.

2.1.1 *Topography*

According to the U.S.G.S. (U.S. Geological Survey) 7.5/24K series Topographic Map of New York City Quadrangle, dated 1995, the Site elevation is approximately 18.0 ft above mean sea level (MSL). The surrounding topography slopes gently downward toward the west.

2.1.2 Geology

The Site is located in the Borough of Brooklyn (Kings County), New York within the Atlantic Coastal Plain physiographic province. The subsurface geologic units in Kings County consist of sequences of unconsolidated sediments of Late Cretaceous and Pleistocene pre-Sangamon and Sangamon ages that are underlain by Precambrian crystalline bedrock, overlain by glacial deposits of Wisconsin age, and to a less extent, by Holocene deposits. Glacial drift deposits of Pleistocene (Wisconsin) age cover the majority of Kings County.

The Site is located in an area of unconsolidated glacial drift deposits. These deposits overlie the Gardiners Clay, Jameco Gravel and crystalline bedrock. The Jameco Gravel is believed to be Illinoian age, and comprises coarse sand and gravel with small amounts of silt and clay. The Gardiners Clay is an interglacial deposit of marine origin. It consists of clay with some intercalated thin sandy and gravelly beds, and marine fossil deposits. The upper Pleistocene deposits are mostly composed of glacial-drift material such as till, lacustrine deposits and outwash sand and gravel.

2.1.3 *Hydrology*

The Site lies within the Brooklyn-Queens Aquifer System, which includes Kings and Queens counties. The main aquifer underlying the subject sites is the Jameco Gravel unit. The major part of this aquifer is in a buried valley, which extends from the Flushing Meadow area to the area of the John F. Kennedy International Airport. Smaller parts of the Jameco occur in the Maspeth area, which is near the subject site. In this area, the thickness of the Jameco aquifer is generally less than 50 feet. The upper glacial aquifer is the uppermost water-bearing unit at the site.

The nearest surface water body to the Site is East River, which connects to Upper New York Bay and ultimately, the Atlantic Ocean. The East River is located approximately 3,000 feet to the west of the Site. Groundwater at the Site is estimated to be at approximately 15 ftbg.

2.1.4 Above Ground Storage Tanks (ASTs) and Underground Storage Tanks (USTs)

The Site records and search did not reveal any petroleum underground bulk storage tanks (USTs) or above ground storage tanks (ASTs) on-Site.

2.2 Surrounding Properties

The current usage and nature of surrounding properties includes multifamily houses, apartment buildings, New York City parks, commercial storefronts and an industrial / manufacturing facility.

The primary mechanism by which one property can affect another is by transport of contaminants in surface and ground water from one property to another. The concern for released liquids and storm-water runoff from the adjacent properties is unfounded according to the records search. The Histories of those sites are not of the type that would be associated with the disposal of hazardous materials. GRANT's visual inspection and record search of the neighboring properties did not reveal any industries within the immediate vicinity of the Site which may have the potential to impact the soil or groundwater beneath the Site. No obvious illegal hazardous waste activities were noted in the vicinity of the Site. The soil of the property did not reveal any sign of stressed vegetation, which is an indication of oil or fuel spill pollution. No suspicious discharges, emissions or apparent sources of contamination were observed from the adjoining properties.

2.3 Previous Environmental Assessments

A Phase I ESA was conducted by GRANT engineering, dated May 23, 2012, as part of a due diligence to support a potential development of the Site by Global Paragon. It is understood that the Site has historically been utilized for residential purposes (Lot 15) and mixed commercial purposes (Lot 17).

The main objective of the Phase I ESA was to identify the presence or likely presence, use, or release of hazardous substances or petroleum products at the Site which are defined in the American Society of Testing and Materials (ASTM) Standard Practice E 1527-05 as *recognized environmental conditions (RECs)*, in accordance with the "due diligence" regulations of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and in accordance with Section 9601 (35)(b) of the Superfund Amendments and Reauthorization Act (SARA), which requires that "all appropriate inquiry" be made into the presence or potential presence of hazardous substances or petroleum products on Site. In addition, other environmental issues and conditions that, in the opinion of the *environmental professional* conducting the assessment, would not be considered *RECs* are identified in this assessment. These may include *historical RECs* or *de minimis* conditions. The Phase I ESA also includes a preliminary evaluation of specific potential environmental issues or conditions that are, according to ASTM E 1527-05, considered non-scope considerations. These issues include radon, asbestos-containing materials (ACM), lead-based paint (LBP) and polychlorinated biphenyls (PCBs).

The Site assessment was conducted by GRANT on May 15, 2012 and recorded surficial conditions only. The assessment included a walkthrough of the site and surroundings and an interview of the building owner. The Phase I ESA included a review of regulatory agency databases and historical documents and visual observations of the Site and adjoining properties.

The Phase I did not identify any RECs associated with the historic usage of the Site or surrounding properties, however the Site was listed on the New York City Department of City Planning (NYCDCP) list of e-designated properties. Therefore, the Mayor's Office of Environmental Remediation (MOER) is required to review and approve environmental investigation and environmental mitigation measures in order for a Certificate of Occupancy (COO) to be issued by New York City Department of Buildings (NYCDOB).

3.0 SITE INVESTIGATION SCOPE OF WORK

Prior to field efforts, the drilling contractor will contact the New York One-Call center and arrange for mark outs of public utilities at the Site. The subsurface investigation will consist of the following:

Soil - Six (6) soil borings (**SB-01** to **SB-06**) will be performed to characterize the physical and chemical characteristics of the soil within the Site.
Groundwater - Three (3) well points (**TWP-02**, **TWP-03**, **TWP-06**) will be advanced in order to collect groundwater samples and to gauge the depth to groundwater.
Soil Vapor - Four (4) soil vapor points (**SVP-01**, **SVP-02**, **SVP-03**, **SVP-04**) will be advanced in order to collect soil vapor samples at the Site.

Borings will be advanced using a track mounted direct push drill rig. A Site Map with the proposed boring locations is included for reference as **Figure 2** – Sample Location Plan. Roadway/Sidewalk opening permits will not be required for this project.

3.1 Soil Sampling and Analysis

The subsurface investigation consisting of six (6) soil borings will be performed to characterize the physical and chemical characteristics of the soil within the Site. Soil will be investigated using a track mounted direct push drill rig.

Borings **SB-01** to **SB-04** will be located within the footprint of the proposed future structure. Borings **SB-01** to **SB-04** advanced to 17 feet below grade (ftbg), which is 2 feet below the depth of the proposed excavation.

Borings **SB-05** to **SB-06** will be located within the rear yard of the proposed future development. Borings **SB-05** to **SB-06** advanced to 8 feet below grade (ftbg) or the depth of the historic fill line, whichever is encountered first.

The soil cores will be recovered within acetate liners in 4 or 5 ft lengths. Soil will be screened for organic vapors using a photoionization detector (PID), and visual and olfactory senses. The soil lithology will be classified by a GRANT field engineer according to the Burmister soil classification system.

Two (2) soil grab samples will be collected for laboratory analysis from each soil boring. One grab sample will be collected from 0-2ftbg in each boring. **SB-01** to **SB-04** will have a second grab sample collected from 15-17ftbg (bottom of proposed excavation). **SB-05** to **SB-06** will have a second sample collected from 6-8ftbg or bottom of historic fill line, whichever is encountered first.

Soil samples will be analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Pesticides and Polychlorinated Bi-phenols (PPCBs), and Target Analyte List (TAL) Metals. Soil analytical results will be compared to NYSDEC 6 NYCRR Tables 375-6.8 Track 1 Unrestricted SCOs.

3.2 Groundwater Sampling and Gauging

The assessment of groundwater quality will include the collection of groundwater samples from three (3) (**TWP-02**, **TWP-03**, **TWP-06**) pre-packed well points installed during the soil boring activities.

To install these pre-packs, probe rods are first driven to a depth of approximately 5ftbg with a direct-push probing machine. The well assembly is then lowered into the probe rod string with threaded PVC riser pipe. The small diameter pre-pack well screen assembly uses 12 mm PVC riser pipe and is installed with

2.125-inch OD probe rods. Once the well assembly is lowered to the bottom of the probe rod string, the probe rods are retracted to a point above the screen. A sand barrier, installed directly above the well screen, prevents grout from entering the screens.

One (1) groundwater samples will be collected from the TWPs utilizing a peristaltic pump and analyzed for TCL VOCs, TCL SVOCs and TAL Metals (filtered and unfiltered). Groundwater analytical results will be compared to GA Groundwater limits.

Depth to groundwater will be gauged in order to determine the groundwater flow direction at the Site.

3.3 Soil Vapor Sampling

Four (4) soil vapor samples will be collected to determine if potentially contaminated soil vapors have the potential to intrude into the basement of the new construction. **SVP-01**, **SVP-02**, **SVP-03** soil vapor samples will be collected from within the proposed building footprint, directly below the proposed basement elevation (assumed to be approximately 15 ft bgs), or directly above the groundwater interface, whichever is encountered first. **SVP-04** soil vapor samples will be collected from outside the proposed building footprint in the rear yard area at a depth of approximately 6ftbg.

The sampling will be conducted in accordance with the New York State Department of Health (DOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). Soil gas samples will be collected with a 1-liter Suma air canister with a maximum flow rate of 0.2 l/min and analyzed by EPA Method TO-15.

3.4 Site Management, Sample Management and General Documentation

Upon completion of sampling, all TWPs will be removed and all boreholes backfilled with drill cuttings. It is assumed that no investigation derived waste (IDW) will be generated during this investigation. All soil cuttings and purge water will be returned to the original bore holes.

A comprehensive visual documentation (photographic) log will be taken during the site assessment field activities. Photographs documenting sampling locations shall include two or more permanent reference points to facilitate relocating the sample location at a later date.

Sample handling and chain-of-custody procedures will be maintained at all times. Chain-of-custody control will be initiated by the field engineer at the time of sample collection. Samples will be picked up by a laboratory courier or delivered to the laboratory at the completion of field work based on a work completed schedule, which will facilitate chain of custody transfer of the samples. Certificate of approval from the laboratory and all chain-of-custody sheets with signature of field engineer and laboratory courier shall be included in the appendix of the site investigation report. Entries made on the chain of custody to include 1) site, 2) sampler(s), 3) sample designations, 4) date, 5) time, 6) sample matrix, 7) number of containers 8) preservatives, 9) analytical methods, and 10) any appropriate remarks.

4.0 REPORTING

A Site Investigation Report (SIR) will be prepared upon completion of the field investigations. It will consist of a technical overview of the work performed, findings including groundwater flow direction and analytical results including tables and figures as well as conclusions and recommendations.

In addition, the SIR will include boring logs, summarized analytical tables with all contaminant constituents (even if ND) with correlating New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs) and GA Groundwater limits, New York State Department of Health (DOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) and laboratory analytical sheets with chains of custody (COCs).

SIWP Prepared by:

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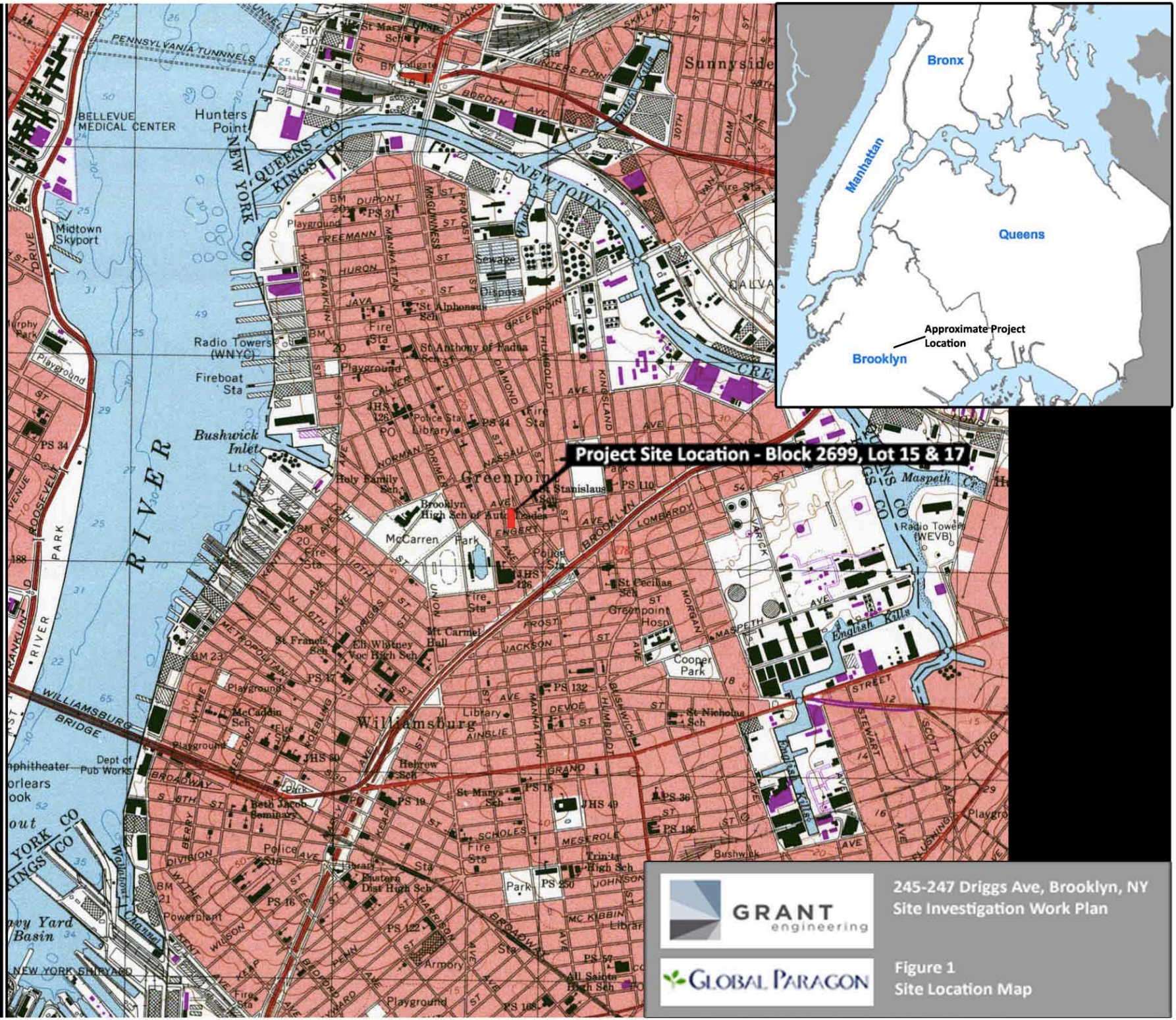
917.273.8236 (c)

FIGURES

Figure 1 Site Location Map
Figure 2 Sample Location Plan



GRANT engineering

GLOBAL PARAGON

245-247 Driggs Ave, Brooklyn, NY
Site Investigation Work Plan

Figure 1
Site Location Map

DRIGGS AV
DRIGGS AV
247 Driggs Ave - Lot 15
245 Driggs Ave - Lot 17
SB-01
SVP-01
SB-02
TWP-02
SVP-02
SB-03
TWP-03
SVP-03
SB-04
SB-05
SB-06
TWP-06
SVP-04
GRAHAM AV
ECKFORD ST
LEGEND
Existing Property Boundary: 245 & 247 Driggs Avenue
Approximate Location of Future Building Footprint
GRANT engineering
GLOBAL PARAGON
245-247 Driggs Ave, Brooklyn, NY
Site Investigation Work Plan
Figure 2
Sample Location Plan

View of the Site preparation done the day before mobilization. Mark out of sample points was established.

Mobilization of the drilling rig at site for SB-06.

View of drilling activities. A direct push Geoprobe was used to extract 5-foot increment samples of material for analysis.

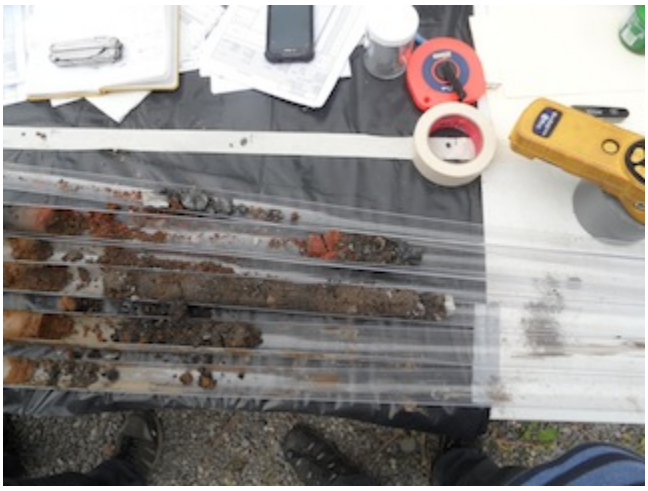
View of drilling activities for the temporary well (TWP-06). 2" slotted PVC was used to establish well for groundwater sampling.

View of groundwater sampling and measurement at TWP-06.

View of ground water purging and sampling techniques used.

View of soil classification and soil sampling techniques used.

View of soil sampling and classification techniques used.


View of soil classification and soil sampling techniques used.

View of soil sampling and classification techniques used.

View of soil sampling and classification techniques used.

View of soil vapor sampling installation.

GRANT engineering 37 Wall Street, PHA New York, NY 10005	Drilling Log

Client:	Global Paragon		
Project:	245-247 Driggs Avenue		
Contractor:	Zebra Environmental		
Method:	Geoprobe 6620 DT	**Boring ID:**	SB-01

BOREHOLE DATA		**TWP DATA**			
Borehole Diameter:	2" Macro Core	**Well Diameter:**	N/A	**Location:**	
Total Depth:	12 ftbg	**Total Depth:**	N/A	**Date Started:**	6/19/12
Depth to Refusal:	N/A	**Screen Length:**	N/A	**Date Finished:**	6/19/12
Depth to Water:	N/A	**Depth to Water:**	N/A	**Driller:**	Zebra
Depth to Rock:	N/A	**Slot Size:**	N/A	**GRANT Inspector:**	Stephen Morse

NOTES:

Well Construction	Depth	Lithology	USCS	Sample Interval	Macrocore Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	0		FILL				0.0	**Asphalt** **[FILL]**	**Sample #A** **No odors detected.** **No stains observed.** **0-2 FTBG**
	1-								
	2-								
	3-				2.5/5.0'				
	4-								
	5-						0.0	**FILL**	**Gravel Fragments** **FILL**
	6-								
	7-				2.5/5.0'				
	8-								

Well Construction	Depth	Lithology	USCS	Sample Interval	Macrocore Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	9-							C-F light brown SAND	Native
	10-						0.0		Macro core recovery was wet, no odors detected, no stains observed Sample #B 10 - 12 ftbg
	11-								
	12-								End boring at 12 ftbg

GRANT engineering 37 Wall Street, PHA New York, NY 10005					
		Drilling Log			
Client:	Global Paragon				
Project:	245-247 Driggs Avenue				
Contractor:	Zebra Environmental				
Method:	Geoprobe 6620 DT			**Boring ID:**	SB-02
BOREHOLE DATA		**TWP DATA**			
Borehole Diameter:	2" Macro Core	**Well Diameter:**	2" PVC	**Location:**	
Total Depth:	15 ftbg	**Total Depth:**	15 ft.	**Date Started:**	6/19/12
Depth to Refusal:	N/A	**Screen Length:**	10 ft.	**Date Finished:**	6/19/12
Depth to Water:	11.3-11.5	**Depth to Water:**	11.3 to 11.5 ft.	**Driller:**	Zebra
Depth to Rock:	N/A	**Slot Size:**	0.1 mm	**GRANT Inspector:**	Stephen Morse

NOTES:

Well Construction	Depth	Lithology	USCS	Sample Interval	Macrocore Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	0						0.0	**[FILL]**	**Sample #A** **0-2 ftbg** **No odors detected** **No stains observed**
	1-								
	2-								
	3-				2.5/5.0'				
	4-								**Brick fragment**
	5-						0.6	**[FILL]**	**No odors detected or stains observed**
	6-								**Screened well construction 5 to 15 ft.**
	7-				2.5/5.0'				
	8-								

Well Construction	Depth	Lithology	USCS	Sample Interval	Macrocore Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	9-								Brick fragment
	10-								Observed moist @ 10 ft.
								fine SAND and SILT/moist	Native Sample #B 10 - 12 ftbg
	11-								Wet at 11 ft. G/w guaged at 11.3-11.5 ft.
	12-				2.5/5.0'				
	13-								
	14-								
	15-								End boring @ 15 ftbg

GRANT engineering 37 Wall Street, PHA New York, NY 10005	

Drilling Log

Client:	Global Paragon		
Project:	245-247 Driggs Avenue		
Contractor:	Zebra Environmental		
Method:	Geoprobe 6620 DT	**Boring ID:**	SB-03

BOREHOLE DATA		**TWP DATA**			
Borehole Diameter:	2 in. Macro core	**Well Diameter:**		**Location:**	
Total Depth:	15 ftbg	**Total Depth:**	15 ft.	**Date Started:**	6/19/12
Depth to Refusal:	N/A	**Screen Length:**	10 ft.	**Date Finished:**	6/19/12
Depth to Water:	11.2 ft.	**Depth to Water:**	11.2 ft.	**Driller:**	Zebra
Depth to Rock:	N/A	**Slot Size:**	0.1 mm	**GRANT Inspector:**	Stephen Morse

NOTES:

Well Construction	Depth	Lithology	USCS	Sample Interval	Macropile Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	0						0.0	**Asphalt** **[FILL]**	**Sample #A** **0-2 ftbg** **No odors detected, no staining observed**
	1-								
	2-				2.5/5.0'				
	3-								**Brick Fragment at 3 ft.**
	4-								
	5-						0.0	**[FILL]**	
	6-								
	7-				2.5/5.0'				
	8-								

Well Construction	Depth	Lithology	USCS	Sample Interval	Macropile Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	9-								Brick Fragments
	10-						3.0	Dark Tar	Dark black tar & odor layer with 3.0 PID layer Sample #B 10.5 - 12.5 ftbg
							0.0	NATIVE SOIL	Native soil at 10.5 ftbg
	11-								GW at 11.2 ftbg
	12-				2.5/5.0'				
	13-								
	14-								
	15-								End boring @ 15 ftbg

GRANT engineering
37 Wall Street, PHA
New York, NY 10005

Drilling Log

Client:	Global Paragon		
Project:	245-247 Driggs Avenue		
Contractor:	Zebra Environmental		
Method:	Geoprobe 6620 DT	**Boring ID:**	SB-04

BOREHOLE DATA		**TWP DATA**			
Borehole Diameter:		**Well Diameter:**	N/A	**Location:**	
Total Depth:	15 ftbg	**Total Depth:**	N/A	**Date Started:**	6/19/12
Depth to Refusal:	N/A	**Screen Length:**	N/A	**Date Finished:**	6/19/12
Depth to Water:	N/A	**Depth to Water:**	N/A	**Driller:**	Zebra
Depth to Rock:	N/A	**Slot Size:**	N/A	**GRANT Inspector:**	Stephen Morse

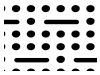
NOTES:

Well Construction	Depth	Lithology	USCS	Sample Interval	Macropile Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	0						0.0	**[FILL]**	**Sample #A** **0 - 2 ftbg** **No odors detected, no staining observed**
	1-								
	2-				2.5/5.0'				
	3-								
	4-								
	5-						0.0	**[FILL]**	
	6-								
	7-				2.5/5.0'				
	8-								**WOOD CHIPS**

Well Construction	Depth	Lithology	USCS	Sample Interval	Macropile Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	9-							[FILL]	No odor detected, no staining observed Moist at 9 ftbg
	10-						0.0	C - F brown SANDLittle silt	Native
							0.0	C - F brown SAND Little silt	Sample #B 10 - 11.5 FTBG No odors detected, no stains observed
	11-								
	12-						0.0	Grey SILT, trace CLAY	
	13-				2.5/5.0'				
	14-								
	15-								END BORING @ 15 FTBG

LEGEND

FILL MATERIAL


SILTY SAND

GRANT engineering
37 Wall Street, PHA
New York, NY 10005

Drilling Log

Client:	Global Paragon				
Project:	245-247 Driggs Avenue				
Contractor:	Zebra Environmental				
Method:	Geoprobe 6620 DT			**Boring ID:**	SB-05
BOREHOLE DATA		**TWP DATA**			
Borehole Diameter:	2 in. Macro core	**Well Diameter:**	N/A	**Location:**	
Total Depth:	**15 ftbg**	**Total Depth:**	N/A	**Date Started:**	6/19/12
Depth to Refusal:	N/A	**Screen Length:**	N/A	**Date Finished:**	6/19/12
Depth to Water:	N/A	**Depth to Water:**	N/A	**Driller:**	Zebra
Depth to Rock:	N/A	**Slot Size:**	N/A	**GRANT Inspector:**	Stephen Morse

NOTES:

Well Construction	Depth	Lithology	USCS	Sample Interval	Macrocore Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	0						0.0	**Asphalt**	**Sample #A**
								[FILL]	**0-2 ftbg**
									No odors detected
									No staining observed
	1-				2.5/5.0'				**Brick Fragments**
									Asphalt
	2-						0.0		**Wood Chips**
	3-								
	4-								
	5-						0.0	**[FILL]**	
	6-								**Sample #B**
									6-8 ftbg
									No odors detected
									No staining observed
	7-				2.5/5.0'				
	8-								**Wood fragments**

Well Construction	Depth	Lithology	USCS	Sample Interval	Macrocore Recovery	Blows/6 in	PID (ppm)	Description	Remarks
							0.0		Brick fragments Wood fragments
	9-								
	10-						0.0	FILL	Moist at 10 ft.
	11-								
							0.0	C-F brown SAND	Native
	12-								Wet at 12 ft.
	13-								
	14-				2.5/5.0'				
	15-								END BORING @ 15 FTBG

LEGEND

GRANT engineering 37 Wall Street, PHA New York, NY 10005					
		Drilling Log			
Client:	Global Paragon				
Project:	245-247 Driggs Avenue				
Contractor:	Zebra Environmental				
Method:	Geoprobe 6620 DT			**Boring ID:**	SB-06
BOREHOLE DATA		**TWP DATA**			
Borehole Diameter:	2 in. Macro core	**Well Diameter:**		**Location:**	
Total Depth:	**15 ftbg**	**Total Depth:**	15 ft.	**Date Started:**	6/19/12
Depth to Refusal:	N/A	**Screen Length:**	10 ft.	**Date Finished:**	6/19/12
Depth to Water:	N/A	**Depth to Water:**	11.2	**Driller:**	Zebra
Depth to Rock:	N/A	**Slot Size:**	0.1 mm	**GRANT Inspector:**	Stephen Morse

NOTES:

Well Construction	Depth	Lithology	USCS	Sample Interval	Sample Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	0						0.0	**[FILL]**	**Sample #A** **0-2 ftbg** **No odors detected, no staining observed**
	1-								
	2-				2.5/5.0'				
	3-								
	4-								
	5-						0.0	**[FILL]**	**Screen well construction 5 to 15 ft.**
	6-								**Brick fragments**
	7-						0.0	**M-F brown SAND [FILL]**	**Sample #B** **7-9 FTBG** **FILL**
	8-								**No PID, no odor, no staining**

Well Construction	Depth	Lithology	USCS	Sample Interval	Sample Recovery	Blows/6 in	PID (ppm)	Description	Remarks
	9-				2.5/5.0'				
	10-							M-F brown SAND	Native
	11-								G/W at 11.2 ft.
	12-				2.5/5.0'				
	13-								
	14-								
	15-								END BORING @ 15 FTBG

LEGEND

FILL MATERIAL

NATIVE SOILS

Anthropogenic Strata

Concrete/Asphalt

Fill

Native Soils

GP: Poorly Sorted Gravel

SW: Well Sorted Sand

GW: Well Sorted Gravel

SM: Silty Sand

GM: Silty Gravel

SC: Clayey Sand

GC: Clayey Gravel

ML: Silt - low plasticity

SP: Poorly Sorted Sand

MH: Elastic Silt - high plasticity

Bedrock

BDRX-S Sedimentary

BDRX-C Carbonate

BDRX-I Ig

Well Construction

Filter Pack

Grout

Seal (Bento

Screen

Open Casing

PVC Casing

Waste

CL: Lean Clay - low plasticity

CH: Fat Clay - high plasticity

OL: Organic Silt - low plasticity

OH: Organic Clay - high plasticity

PT: Peat

gneous

BDRX-M Metamorphic

nite)

Seal (Fine Sand)

g

Steel Casing

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Grant Engineering, PLLC
37 Wall Street - PH A
New York NY, 10005
Attention: Stephen Morse

Report Date: 06/28/2012
Client Project ID: NG12-119-02 (245-247 Driggs)
York Project (SDG) No.: 12F0704

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: 06/28/2012
Client Project ID: NG12-119-02 (245-247 Driggs)
York Project (SDG) No.: 12F0704

Grant Engineering, PLLC
37 Wall Street - PH A
New York NY, 10005
Attention: Stephen Morse

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 21, 2012 and listed below. The project was identified as your project: **NG12-119-02 (245-247 Driggs)**.

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
12F0704-01	SB-06 Sample#1 (0-2)	Soil	06/19/2012	06/21/2012
12F0704-02	SB-06 Sample (0-2)	Soil	06/19/2012	06/21/2012
12F0704-03	SB-06 Sample#2 (7-9)	Soil	06/19/2012	06/21/2012
12F0704-04	SB-06 #2 (7-9)	Soil	06/19/2012	06/21/2012
12F0704-05	TWP-06	Water	06/19/2012	06/21/2012
12F0704-06	SB-02 A (0-2)	Soil	06/19/2012	06/21/2012
12F0704-07	SB-02 B (10-12)	Soil	06/19/2012	06/21/2012
12F0704-08	SB-04 A (0-2)	Soil	06/19/2012	06/21/2012
12F0704-09	SB-04 B (10-11.5)	Soil	06/19/2012	06/21/2012
12F0704-10	TWP-02	Water	06/19/2012	06/21/2012
12F0704-11	SB-01 A (0-2)	Soil	06/19/2012	06/21/2012
12F0704-12	SB-01 B (10-12)	Soil	06/19/2012	06/21/2012
12F0704-13	SB-03 A (0-2)	Soil	06/19/2012	06/21/2012
12F0704-14	SB-03 B (10.5-12-5)	Soil	06/19/2012	06/21/2012
12F0704-15	SB-05 A (0-2)	Soil	06/19/2012	06/21/2012
12F0704-16	SB-05 B (6-8)	Soil	06/19/2012	06/21/2012
12F0704-17	TWP-03	Water	06/19/2012	06/21/2012

General Notes for York Project (SDG) No.: 12F0704

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

Approved By: **Date:** 06/28/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample#1 (0-2)** **York Sample ID:** **12F0704-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
78-93-3	**2-Butanone**	**9.7**	J	ug/kg dry	6.4	23	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
67-64-1	**Acetone**	**130**	B	ug/kg dry	7.7	23	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
67-66-3	Chloroform	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
100-41-4	**Ethyl Benzene**	**17**		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-09-2	**Methylene chloride**	**27**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
95-47-6	**o-Xylene**	**15**		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
1330-20-7P/M	**p- & m- Xylenes**	**49**		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample#1 (0-2)** **York Sample ID:** **12F0704-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
100-42-5	Styrene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
108-88-3	**Toluene**	**89**		ug/kg dry	0.57	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS
1330-20-7	**Xylenes, Total**	**64**		ug/kg dry	1.4	34	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:05	SS

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**87.5**		%	0.100	0.100	1	SM 2540G	06/26/2012 15:29	06/26/2012 15:29	JCC

Sample Information

Client Sample ID: **SB-06 Sample (0-2)** **York Sample ID:** **12F0704-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	518	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	416	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	453	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	326	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	258	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	465	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	388	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	305	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	798	1900	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	416	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	453	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	290	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	553	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample (0-2)** **York Sample ID:** **12F0704-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	331	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	350	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	493	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	326	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	428	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	239	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	345	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	718	1900	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	396	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	102	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	375	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	274	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	316	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	344	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
83-32-9	Acenaphthene	ND		ug/kg dry	551	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	266	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
120-12-7	Anthracene	ND		ug/kg dry	236	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	368	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
50-32-8	**Benzo(a)pyrene**	**447**	J	ug/kg dry	248	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	362	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
191-24-2	**Benzo(g,h,i)perylene**	**308**	J	ug/kg dry	286	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
207-08-9	**Benzo(k)fluoranthene**	**382**	J	ug/kg dry	368	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
65-85-0	Benzoic acid	ND		ug/kg dry	650	1900	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	308	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	396	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	350	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	323	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	353	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	318	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
218-01-9	Chrysene	ND		ug/kg dry	383	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	240	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	307	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	499	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	274	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	284	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample (0-2)** **York Sample ID:** **12F0704-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	428	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
206-44-0	**Fluoranthene**	**557**	J	ug/kg dry	551	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
86-73-7	Fluorene	ND		ug/kg dry	266	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	155	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	380	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	707	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	342	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	350	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
78-59-1	Isophorone	ND		ug/kg dry	353	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	284	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	428	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	248	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	551	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	266	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
85-01-8	Phenanthrene	ND		ug/kg dry	351	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
108-95-2	Phenol	ND		ug/kg dry	380	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR
129-00-0	**Pyrene**	**578**	J	ug/kg dry	341	950	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:23	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.68	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.15	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
309-00-2	Aldrin	ND		ug/kg dry	2.41	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.01	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.01	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.01	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.01	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.01	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.37	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.1	15.1	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample (0-2)** **York Sample ID:** **12F0704-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.05	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.22	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.30	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
72-20-8	Endrin	ND		ug/kg dry	2.28	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.53	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.61	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.00	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.70	18.8	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 03:58	JW
8001-35-2	Toxaphene	ND		ug/kg dry	190	190	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:40	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7520**		mg/kg dry	1.44	2.28	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-36-0	Antimony	ND		mg/kg dry	0.160	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-38-2	**Arsenic**	**7.68**		mg/kg dry	0.217	1.14	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-39-3	**Barium**	**78.1**		mg/kg dry	0.274	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.114	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.148	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-70-2	**Calcium**	**30300**		mg/kg dry	0.049	2.28	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-47-3	**Chromium**	**17.3**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-48-4	**Cobalt**	**5.61**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-50-8	**Copper**	**53.1**		mg/kg dry	0.160	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7439-89-6	**Iron**	**15400**		mg/kg dry	0.627	1.14	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7439-92-1	**Lead**	**120**		mg/kg dry	0.114	0.342	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7439-95-4	**Magnesium**	**6480**		mg/kg dry	0.935	2.28	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7439-96-5	**Manganese**	**279**		mg/kg dry	0.091	1.14	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-02-0	**Nickel**	**19.7**		mg/kg dry	0.080	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-09-7	**Potassium**	**809**		mg/kg dry	3.10	11.4	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7782-49-2	Selenium	ND		mg/kg dry	0.241	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.103	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample (0-2)** **York Sample ID:** **12F0704-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**23.2**		mg/kg dry	7.66	11.4	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-28-0	Thallium	ND		mg/kg dry	0.217	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-62-2	**Vanadium**	**23.6**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW
7440-66-6	**Zinc**	**102**		mg/kg dry	0.080	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:07	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.111	0.114	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**87.7**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-06 Sample#2 (7-9)** **York Sample ID:** **12F0704-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.3	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-06 Sample#2 (7-9)** **York Sample ID:** **12F0704-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
67-64-1	**Acetone**	**57**	B	ug/kg dry	7.6	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
67-66-3	Chloroform	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-09-2	**Methylene chloride**	**25**	B	ug/kg dry	2.6	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
108-88-3	Toluene	ND		ug/kg dry	0.56	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.3	34	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 01:44	SS

YORK
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Sample Information

Client Sample ID: **SB-06 Sample#2 (7-9)** **York Sample ID:** **12F0704-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.9**		%	0.100	0.100	1	SM 2540G	06/26/2012 15:29	06/26/2012 15:29	JCC

Sample Information

Client Sample ID: **SB-06 #2 (7-9)** **York Sample ID:** **12F0704-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	105	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	84.1	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	91.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	65.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	52.3	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	94.0	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	78.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	61.6	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	161	384	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.1	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	91.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	58.7	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	112	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	66.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	70.7	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.8	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	65.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	86.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	48.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	69.7	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	145	384	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	80.2	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.7	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	55.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-06 #2 (7-9) **York Sample ID:** 12F0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitroaniline	ND		ug/kg dry	63.8	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	69.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
83-32-9	Acenaphthene	ND		ug/kg dry	111	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	53.8	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
120-12-7	Anthracene	ND		ug/kg dry	47.6	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	74.3	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.1	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	73.1	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	57.8	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	74.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
65-85-0	Benzoic acid	ND		ug/kg dry	131	384	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	62.2	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	80.2	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	65.3	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	64.3	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
218-01-9	Chrysene	ND		ug/kg dry	77.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.6	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	62.0	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	101	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	55.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	57.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	86.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	111	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
86-73-7	Fluorene	ND		ug/kg dry	53.8	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	31.3	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	76.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	143	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	69.1	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
78-59-1	Isophorone	ND		ug/kg dry	71.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	57.4	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	86.5	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-06 #2 (7-9) **York Sample ID:** 12F0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	111	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.8	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	70.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
108-95-2	Phenol	ND		ug/kg dry	76.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR
129-00-0	Pyrene	ND		ug/kg dry	68.9	192	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 18:54	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.69	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.18	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
309-00-2	Aldrin	ND		ug/kg dry	2.43	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.87	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.11	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.11	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.11	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.11	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.11	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.84	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.84	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.40	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.2	15.2	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.08	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.25	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.33	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
72-20-8	Endrin	ND		ug/kg dry	2.31	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.56	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.64	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.03	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	3.80	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.81	19.0	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-06 #2 (7-9) **York Sample ID:** 12F0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	Total PCBs	ND		ug/kg dry	7.84	19.6	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	193	193	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:12	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7910**		mg/kg dry	1.45	2.31	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-36-0	Antimony	ND		mg/kg dry	0.161	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-38-2	**Arsenic**	**5.27**		mg/kg dry	0.219	1.15	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-39-3	**Barium**	**55.2**		mg/kg dry	0.277	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.115	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.150	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-70-2	**Calcium**	**1870**		mg/kg dry	0.050	2.31	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.092	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-48-4	**Cobalt**	**8.54**		mg/kg dry	0.092	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-50-8	**Copper**	**20.5**		mg/kg dry	0.161	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7439-89-6	**Iron**	**22500**		mg/kg dry	0.634	1.15	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7439-92-1	**Lead**	**44.6**		mg/kg dry	0.115	0.346	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7439-95-4	**Magnesium**	**2590**		mg/kg dry	0.945	2.31	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7439-96-5	**Manganese**	**256**		mg/kg dry	0.092	1.15	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-02-0	**Nickel**	**21.5**		mg/kg dry	0.081	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-09-7	**Potassium**	**1470**		mg/kg dry	3.14	11.5	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7782-49-2	Selenium	ND		mg/kg dry	0.243	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-22-4	Silver	ND		mg/kg dry	0.104	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-23-5	Sodium	ND		mg/kg dry	7.75	11.5	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-28-0	Thallium	ND		mg/kg dry	0.219	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-62-2	**Vanadium**	**30.8**		mg/kg dry	0.092	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW
7440-66-6	**Zinc**	**106**		mg/kg dry	0.081	0.576	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:11	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-06 #2 (7-9) **York Sample ID:** 12F0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.112	0.115	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.7**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: TWP-06 **York Sample ID:** 12F0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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	0.95	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.87	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.6	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
67-64-1	**Acetone**	**3.9**	J, B	ug/L	3.1	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.64	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-06** **York Sample ID:** **12F0704-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-09-2	**Methylene chloride**	**5.8**	J, B	ug/L	1.1	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/25/2012 12:27	06/25/2012 12:27	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-06 **York Sample ID:** 12F0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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

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	1.50	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.87	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.14	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.69	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	4.12	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.74	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.53	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	4.21	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	11.0	11.4	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	4.01	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.99	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.90	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.51	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
95-48-7	2-Methylphenol	ND		ug/L	0.980	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.44	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.55	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	4.25	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	4.01	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.82	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.66	11.4	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.94	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	4.15	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
106-47-8	4-Chloroaniline	ND		ug/L	4.27	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.57	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
100-02-7	4-Nitroaniline	ND		ug/L	4.31	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
56-57-5	4-Nitrophenol	ND		ug/L	4.50	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
83-32-9	Acenaphthene	ND		ug/L	3.70	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
208-96-8	Acenaphthylene	ND		ug/L	4.89	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
120-12-7	Anthracene	ND		ug/L	4.18	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	4.65	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	5.54	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.71	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.75	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.95	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-06 **York Sample ID:** 12F0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	9.94	11.4	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.57	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.54	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.71	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.75	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.94	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
218-01-9	Chrysene	ND		ug/L	4.75	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.54	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
132-64-9	Dibenzofuran	ND		ug/L	3.31	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.51	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
131-11-3	Dimethyl phthalate	ND		ug/L	5.54	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.71	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.75	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
206-44-0	Fluoranthene	ND		ug/L	1.82	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
86-73-7	Fluorene	ND		ug/L	3.69	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
118-74-1	Hexachlorobenzene	ND		ug/L	3.38	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.78	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.94	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
67-72-1	Hexachloroethane	ND		ug/L	4.15	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.14	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
78-59-1	Isophorone	ND		ug/L	3.69	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
91-20-3	Naphthalene	ND		ug/L	4.41	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
98-95-3	Nitrobenzene	ND		ug/L	2.25	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	4.14	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
87-86-5	Pentachlorophenol	ND		ug/L	4.30	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
85-01-8	Phenanthrene	ND		ug/L	4.12	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
108-95-2	Phenol	ND		ug/L	3.74	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR
129-00-0	Pyrene	ND		ug/L	2.70	5.71	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 19:26	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-06 **York Sample ID:** 12F0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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**	**0.115**		mg/L	0.007	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-39-3	**Barium**	**0.083**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-70-2	**Calcium**	**193**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7439-89-6	**Iron**	**0.166**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7439-95-4	**Magnesium**	**13.9**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7439-96-5	**Manganese**	**1.51**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-09-7	**Potassium**	**11.7**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-23-5	**Sodium**	**29.0**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:40	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**	**110**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-38-2	**Arsenic**	**0.021**		mg/L	0.001	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-39-3	**Barium**	**2.34**		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-41-7	**Beryllium**	**0.003**		mg/L	0.0009	0.001	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-70-2	**Calcium**	**226**		mg/L	0.009	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-47-3	**Chromium**	**0.287**		mg/L	0.0009	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-48-4	**Cobalt**	**0.141**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-50-8	**Copper**	**0.204**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-06 **York Sample ID:** 12F0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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**	**185**		mg/L	0.006	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7439-92-1	**Lead**	**1.10**		mg/L	0.001	0.003	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7439-95-4	**Magnesium**	**33.2**		mg/L	0.008	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7439-96-5	**Manganese**	**12.3**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-02-0	**Nickel**	**0.188**		mg/L	0.0008	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-09-7	**Potassium**	**21.6**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-23-5	**Sodium**	**29.2**		mg/L	0.066	0.100	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-62-2	**Vanadium**	**0.289**		mg/L	0.001	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	MW
7440-66-6	**Zinc**	**0.396**		mg/L	0.0009	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:45	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**	**0.0018**		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	06/25/2012 17:21	06/25/2012 17:21	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	0.0000390	0.0002000	1	EPA SW846-7470/EPA 245.1	06/25/2012 17:24	06/25/2012 17:24	AA

Sample Information

Client Sample ID: SB-02 A (0-2) **York Sample ID:** 12F0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-02 A (0-2)** **York Sample ID:** **12F0704-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
78-93-3	**2-Butanone**	**12**	J	ug/kg dry	6.2	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
67-64-1	**Acetone**	**65**	B	ug/kg dry	7.4	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
67-66-3	Chloroform	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-09-2	**Methylene chloride**	**23**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-02 A (0-2) **York Sample ID:** 12F0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.3	33	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 02:23	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	503	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	403	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	439	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	316	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	251	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	451	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	376	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	296	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	774	1840	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	403	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	439	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	281	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	537	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	321	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	339	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	479	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	316	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	415	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	232	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	334	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	697	1840	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	384	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	99.3	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	364	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	266	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	306	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	333	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
83-32-9	Acenaphthene	ND		ug/kg dry	534	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-02 A (0-2)** **York Sample ID:** **12F0704-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	258	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
120-12-7	Anthracene	ND		ug/kg dry	228	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
56-55-3	**Benzo(a)anthracene**	**439**	J	ug/kg dry	356	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
50-32-8	**Benzo(a)pyrene**	**603**	J	ug/kg dry	240	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
205-99-2	**Benzo(b)fluoranthene**	**558**	J	ug/kg dry	351	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	277	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
207-08-9	**Benzo(k)fluoranthene**	**521**	J	ug/kg dry	357	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
65-85-0	Benzoic acid	ND		ug/kg dry	630	1840	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	298	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	384	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	340	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	313	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	342	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	309	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
218-01-9	**Chrysene**	**470**	J	ug/kg dry	371	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	233	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	297	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	484	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	266	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	275	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	415	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
206-44-0	**Fluoranthene**	**923**		ug/kg dry	534	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
86-73-7	Fluorene	ND		ug/kg dry	258	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	150	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	369	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	685	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	331	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	340	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
78-59-1	Isophorone	ND		ug/kg dry	342	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
91-20-3	Naphthalene	ND		ug/kg dry	275	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	415	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	241	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	534	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	258	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
85-01-8	**Phenanthrene**	**577**	J	ug/kg dry	340	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-02 A (0-2)** **York Sample ID:** **12F0704-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	369	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR
129-00-0	**Pyrene**	**951**		ug/kg dry	331	921	5	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 19:58	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**3.86**		ug/kg dry	1.63	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
72-55-9	**4,4'-DDE**	**2.70**		ug/kg dry	2.09	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
50-29-3	**4,4'-DDT**	**6.93**		ug/kg dry	1.64	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
309-00-2	Aldrin	ND		ug/kg dry	2.33	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.75	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
11097-69-1	**Aroclor 1254**	**26.4**		ug/kg dry	7.52	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.52	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.30	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
57-74-9	**Chlordane, total**	**81.1**		ug/kg dry	14.6	14.6	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.16	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.23	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
72-20-8	Endrin	ND		ug/kg dry	2.21	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.45	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.60	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.53	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.91	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.60	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	18.2	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW
1336-36-3	**Total PCBs**	**26.4**		ug/kg dry	7.52	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 04:36	JW
8001-35-2	Toxaphene	ND		ug/kg dry	185	185	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:52	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-02 A (0-2)** **York Sample ID:** **12F0704-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5570**		mg/kg dry	1.39	2.21	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-36-0	**Antimony**	**4.82**		mg/kg dry	0.155	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-38-2	**Arsenic**	**18.2**		mg/kg dry	0.210	1.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-39-3	**Barium**	**800**		mg/kg dry	0.265	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.111	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-43-9	**Cadmium**	**2.48**		mg/kg dry	0.144	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-70-2	**Calcium**	**20800**		mg/kg dry	0.048	2.21	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-47-3	**Chromium**	**29.8**		mg/kg dry	0.088	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-48-4	**Cobalt**	**7.83**		mg/kg dry	0.088	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-50-8	**Copper**	**233**		mg/kg dry	0.155	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7439-89-6	**Iron**	**25000**		mg/kg dry	0.608	1.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7439-92-1	**Lead**	**1620**		mg/kg dry	0.111	0.332	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7439-95-4	**Magnesium**	**4490**		mg/kg dry	0.907	2.21	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7439-96-5	**Manganese**	**337**		mg/kg dry	0.088	1.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-02-0	**Nickel**	**32.2**		mg/kg dry	0.077	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-09-7	**Potassium**	**898**		mg/kg dry	3.01	11.1	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7782-49-2	**Selenium**	**0.611**		mg/kg dry	0.233	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-22-4	Silver	ND		mg/kg dry	0.100	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-23-5	Sodium	ND		mg/kg dry	7.43	11.1	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-28-0	Thallium	ND		mg/kg dry	0.210	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-62-2	**Vanadium**	**57.6**		mg/kg dry	0.088	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW
7440-66-6	**Zinc**	**1310**		mg/kg dry	0.077	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:16	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.107	0.111	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Sample Information

Client Sample ID: **SB-02 A (0-2)** **York Sample ID:** **12F0704-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.4**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-02 B (10-12)** **York Sample ID:** **12F0704-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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	2.5	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	24	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	24	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.57	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.7	24	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.8	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
67-64-1	**Acetone**	**60**	B	ug/kg dry	8.1	24	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
67-66-3	Chloroform	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-02 B (10-12)** **York Sample ID:** **12F0704-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
74-87-3	Chloromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.98	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.7	24	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
108-88-3	Toluene	ND		ug/kg dry	0.60	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.4	36	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:02	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	109	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	87.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	95.2	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	54.4	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	97.8	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	81.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	64.1	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	168	400	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	87.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	95.2	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	61.0	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-02 B (10-12) **York Sample ID:** 12F0704-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	116	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	69.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	73.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	104	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	89.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	50.4	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	72.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	151	400	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	83.4	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	21.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	78.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	57.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	66.4	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	72.3	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
83-32-9	Acenaphthene	ND		ug/kg dry	116	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	56.0	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
120-12-7	Anthracene	ND		ug/kg dry	49.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	77.3	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52.1	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	76.1	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	60.1	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	77.4	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
65-85-0	Benzoic acid	ND		ug/kg dry	137	400	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	64.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	83.4	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	73.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	74.2	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	66.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
218-01-9	Chrysene	ND		ug/kg dry	80.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	64.5	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	105	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	57.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-02 B (10-12) **York Sample ID:** 12F0704-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	59.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	89.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
206-44-0	Fluoranthene	ND		ug/kg dry	116	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
86-73-7	Fluorene	ND		ug/kg dry	56.0	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	32.6	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	80.0	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	149	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	71.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	73.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
78-59-1	Isophorone	ND		ug/kg dry	74.2	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
91-20-3	Naphthalene	ND		ug/kg dry	59.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	89.9	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.2	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	116	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	56.0	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
85-01-8	Phenanthrene	ND		ug/kg dry	73.8	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
108-95-2	Phenol	ND		ug/kg dry	80.0	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR
129-00-0	Pyrene	ND		ug/kg dry	71.7	200	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 20:29	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.27	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
309-00-2	Aldrin	ND		ug/kg dry	2.53	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.99	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.47	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.47	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.47	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.47	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.47	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.15	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.15	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.49	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-02 B (10-12)** **York Sample ID:** **12F0704-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	15.8	15.8	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.16	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.34	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.42	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
72-20-8	Endrin	ND		ug/kg dry	2.40	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.66	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.75	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.15	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	3.96	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	19.8	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.15	20.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	200	200	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:27	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15300**		mg/kg dry	1.51	2.40	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.168	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-38-2	**Arsenic**	**4.72**		mg/kg dry	0.228	1.20	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-39-3	**Barium**	**44.9**		mg/kg dry	0.288	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.120	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.156	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-70-2	**Calcium**	**1560**		mg/kg dry	0.052	2.40	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-47-3	**Chromium**	**18.5**		mg/kg dry	0.096	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-48-4	**Cobalt**	**8.25**		mg/kg dry	0.096	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-50-8	**Copper**	**10.1**		mg/kg dry	0.168	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7439-89-6	**Iron**	**26200**		mg/kg dry	0.660	1.20	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7439-92-1	**Lead**	**10.3**		mg/kg dry	0.120	0.360	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7439-95-4	**Magnesium**	**3350**		mg/kg dry	0.983	2.40	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7439-96-5	**Manganese**	**245**		mg/kg dry	0.096	1.20	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-02-0	**Nickel**	**22.4**		mg/kg dry	0.084	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-09-7	**Potassium**	**923**		mg/kg dry	3.26	12.0	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7782-49-2	Selenium	ND		mg/kg dry	0.253	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW

Sample Information

Client Sample ID: **SB-02 B (10-12)** **York Sample ID:** **12F0704-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.108	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-23-5	Sodium	ND		mg/kg dry	8.06	12.0	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-28-0	Thallium	ND		mg/kg dry	0.228	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-62-2	**Vanadium**	**27.9**		mg/kg dry	0.096	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW
7440-66-6	**Zinc**	**42.7**		mg/kg dry	0.084	0.600	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:37	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.116	0.120	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**83.4**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.51	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.0	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
67-64-1	**Acetone**	**180**	B	ug/kg dry	7.3	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
67-66-3	Chloroform	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
95-47-6	**o-Xylene**	**2.1**	J	ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
1330-20-7P/M	**p- & m- Xylenes**	**5.8**	J	ug/kg dry	1.3	22	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
108-88-3	**Toluene**	**45**		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS
1330-20-7	**Xylenes, Total**	**8.0**	J	ug/kg dry	1.3	32	2	EPA SW846-8260B	06/22/2012 16:07	06/23/2012 03:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	98.2	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	78.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	85.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	88.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	73.6	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	151	360	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	78.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	85.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	105	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	62.7	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	66.3	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	81.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.4	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	65.3	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	136	360	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.4	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.9	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	59.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	65.2	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
83-32-9	Acenaphthene	ND		ug/kg dry	104	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
120-12-7	**Anthracene**	**61.6**	J	ug/kg dry	44.7	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69.7	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
50-32-8	**Benzo(a)pyrene**	**345**		ug/kg dry	47.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
205-99-2	**Benzo(b)fluoranthene**	**234**		ug/kg dry	68.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
191-24-2	**Benzo(g,h,i)perylene**	**106**	J	ug/kg dry	54.2	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
207-08-9	**Benzo(k)fluoranthene**	**349**		ug/kg dry	69.7	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	123	360	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	58.3	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.4	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.2	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.9	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**79.3**	J	ug/kg dry	60.3	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
218-01-9	**Chrysene**	**265**		ug/kg dry	72.6	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
53-70-3	**Dibenzo(a,h)anthracene**	**55.5**	J	ug/kg dry	45.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	58.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	94.6	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.9	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	81.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
206-44-0	**Fluoranthene**	**489**		ug/kg dry	104	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
86-73-7	Fluorene	ND		ug/kg dry	50.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.4	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	134	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	64.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**115**	J	ug/kg dry	66.4	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
78-59-1	Isophorone	ND		ug/kg dry	66.9	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
91-20-3	Naphthalene	ND		ug/kg dry	53.8	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	81.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	104	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
85-01-8	**Phenanthrene**	**192**		ug/kg dry	66.5	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
108-95-2	Phenol	ND		ug/kg dry	72.1	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR
129-00-0	**Pyrene**	**553**		ug/kg dry	64.6	180	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:01	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.59	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.60	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
309-00-2	Aldrin	ND		ug/kg dry	2.28	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.69	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.54	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.54	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.54	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.54	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.54	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.35	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.35	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.25	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.3	14.3	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.11	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.18	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
72-20-8	Endrin	ND		ug/kg dry	2.16	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.40	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.57	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.47	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.84	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.57	3.57	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	17.8	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.35	18.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 05:14	JW
8001-35-2	Toxaphene	ND		ug/kg dry	180	180	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:55	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4640**		mg/kg dry	1.36	2.16	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-36-0	Antimony	ND		mg/kg dry	0.151	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-38-2	**Arsenic**	**5.58**		mg/kg dry	0.205	1.08	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-39-3	**Barium**	**120**		mg/kg dry	0.259	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.108	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.140	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-70-2	**Calcium**	**31800**		mg/kg dry	0.047	2.16	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-47-3	**Chromium**	**10.4**		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-48-4	**Cobalt**	**3.99**		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-50-8	**Copper**	**51.9**		mg/kg dry	0.151	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7439-89-6	**Iron**	**12300**		mg/kg dry	0.594	1.08	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7439-92-1	**Lead**	**227**		mg/kg dry	0.108	0.324	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7439-95-4	**Magnesium**	**17200**		mg/kg dry	0.886	2.16	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7439-96-5	**Manganese**	**266**		mg/kg dry	0.086	1.08	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-02-0	**Nickel**	**13.9**		mg/kg dry	0.076	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-09-7	**Potassium**	**717**		mg/kg dry	2.94	10.8	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7782-49-2	Selenium	ND		mg/kg dry	0.228	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-22-4	Silver	ND		mg/kg dry	0.097	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-23-5	**Sodium**	**43.9**		mg/kg dry	7.26	10.8	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-28-0	Thallium	ND		mg/kg dry	0.205	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW
7440-66-6	**Zinc**	**151**		mg/kg dry	0.076	0.540	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:41	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.105	0.108	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Sample Information

Client Sample ID: **SB-04 A (0-2)** **York Sample ID:** **12F0704-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**92.5**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-04 B (10-11.5)** **York Sample ID:** **12F0704-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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	2.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	24	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	24	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
78-93-3	**2-Butanone**	**8.6**	J	ug/kg dry	6.8	24	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.9	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
67-64-1	**Acetone**	**44**	B	ug/kg dry	8.2	24	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.92	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
67-66-3	Chloroform	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 B (10-11.5)** **York Sample ID:** **12F0704-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.92	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.92	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-09-2	**Methylene chloride**	**27**	B	ug/kg dry	2.8	24	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
108-88-3	Toluene	ND		ug/kg dry	0.61	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.4	37	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 13:41	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	111	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	88.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	96.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	69.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	55.2	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	99.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	83.0	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	65.1	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	171	406	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	88.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	96.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	62.0	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	118	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-04 B (10-11.5) **York Sample ID:** 12F0704-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	70.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	74.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	105	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	69.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	91.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	51.2	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	73.6	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	154	406	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	84.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	21.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	80.2	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	58.5	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	67.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	73.5	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
83-32-9	Acenaphthene	ND		ug/kg dry	118	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	56.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
120-12-7	Anthracene	ND		ug/kg dry	50.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	78.6	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	53.0	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	77.3	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	61.1	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	78.6	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
65-85-0	Benzoic acid	ND		ug/kg dry	139	406	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	65.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	84.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	74.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	69.0	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	75.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.0	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
218-01-9	Chrysene	ND		ug/kg dry	81.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.3	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	65.6	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	107	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	58.5	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	60.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-04 B (10-11.5) **York Sample ID:** 12F0704-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	91.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
206-44-0	Fluoranthene	ND		ug/kg dry	118	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
86-73-7	Fluorene	ND		ug/kg dry	56.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.1	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	81.3	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	151	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	73.1	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	74.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
78-59-1	Isophorone	ND		ug/kg dry	75.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
91-20-3	Naphthalene	ND		ug/kg dry	60.7	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	91.4	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.0	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	118	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	56.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
85-01-8	Phenanthrene	ND		ug/kg dry	74.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
108-95-2	Phenol	ND		ug/kg dry	81.3	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR
129-00-0	Pyrene	ND		ug/kg dry	72.9	203	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 21:32	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.30	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
309-00-2	Aldrin	ND		ug/kg dry	2.57	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.03	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.62	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.62	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.62	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.63	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.63	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.29	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.29	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.53	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
57-74-9	Chlordane, total	ND		ug/kg dry	16.1	16.1	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 B (10-11.5)** **York Sample ID:** **12F0704-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.19	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.38	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.46	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.06	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
72-20-8	Endrin	ND		ug/kg dry	2.44	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.70	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.79	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.20	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	4.02	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	20.1	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.29	20.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	203	203	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 20:42	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10800**		mg/kg dry	1.54	2.44	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-36-0	Antimony	ND		mg/kg dry	0.171	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-38-2	**Arsenic**	**3.69**		mg/kg dry	0.232	1.22	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-39-3	**Barium**	**46.7**		mg/kg dry	0.292	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.122	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.158	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-70-2	**Calcium**	**1520**		mg/kg dry	0.053	2.44	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-47-3	**Chromium**	**15.1**		mg/kg dry	0.097	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-48-4	**Cobalt**	**7.46**		mg/kg dry	0.097	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-50-8	**Copper**	**11.1**		mg/kg dry	0.171	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7439-89-6	**Iron**	**20100**		mg/kg dry	0.670	1.22	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7439-92-1	**Lead**	**30.0**		mg/kg dry	0.122	0.366	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7439-95-4	**Magnesium**	**2070**		mg/kg dry	0.999	2.44	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7439-96-5	**Manganese**	**483**		mg/kg dry	0.097	1.22	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-02-0	**Nickel**	**17.1**		mg/kg dry	0.085	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-09-7	**Potassium**	**603**		mg/kg dry	3.31	12.2	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7782-49-2	Selenium	ND		mg/kg dry	0.257	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-22-4	Silver	ND		mg/kg dry	0.110	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-04 B (10-11.5)** **York Sample ID:** **12F0704-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	8.19	12.2	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-28-0	Thallium	ND		mg/kg dry	0.232	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-62-2	**Vanadium**	**24.9**		mg/kg dry	0.097	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW
7440-66-6	**Zinc**	**33.5**		mg/kg dry	0.085	0.609	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:46	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.118	0.122	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**82.1**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **TWP-02** **York Sample ID:** **12F0704-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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	0.95	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.87	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-02** **York Sample ID:** **12F0704-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.6	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
67-64-1	**Acetone**	**3.5**	J, B	ug/L	3.1	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-15-0	Carbon disulfide	ND		ug/L	0.64	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-09-2	**Methylene chloride**	**5.5**	J, B	ug/L	1.1	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/25/2012 13:06	06/25/2012 13:06	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-02 **York Sample ID:** 12F0704-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL 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	1.35	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.68	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.70	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.17	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.78	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	9.85	10.3	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.43	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.58	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.50	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.15	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
95-48-7	2-Methylphenol	ND		ug/L	0.879	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.08	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.18	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	3.81	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	6.87	10.3	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.84	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.20	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
100-02-7	4-Nitroaniline	ND		ug/L	3.87	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
56-57-5	4-Nitrophenol	ND		ug/L	4.04	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
83-32-9	Acenaphthene	ND		ug/L	3.32	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
208-96-8	Acenaphthylene	ND		ug/L	4.38	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
120-12-7	Anthracene	ND		ug/L	3.75	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	4.17	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.54	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-02 **York Sample ID:** 12F0704-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL 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
65-85-0	Benzoic acid	ND		ug/L	8.92	10.3	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.10	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.36	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
218-01-9	Chrysene	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.18	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
131-11-3	Dimethyl phthalate	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
206-44-0	Fluoranthene	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
86-73-7	Fluorene	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	3.03	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.39	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
67-72-1	Hexachloroethane	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.82	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
78-59-1	Isophorone	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
91-20-3	Naphthalene	ND		ug/L	3.96	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
98-95-3	Nitrobenzene	ND		ug/L	2.02	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.71	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.86	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
85-01-8	Phenanthrene	ND		ug/L	3.70	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
108-95-2	Phenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR
129-00-0	Pyrene	ND		ug/L	2.43	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/25/2012 22:03	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-02** **York Sample ID:** **12F0704-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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**	**0.012**		mg/L	0.007	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-39-3	**Barium**	**0.043**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-70-2	**Calcium**	**318**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7439-89-6	**Iron**	**0.062**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7439-95-4	**Magnesium**	**17.6**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7439-96-5	**Manganese**	**0.756**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-09-7	**Potassium**	**16.5**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-23-5	**Sodium**	**33.0**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:49	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**	**2.14**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-39-3	**Barium**	**0.055**		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-70-2	**Calcium**	**318**		mg/L	0.009	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-02** **York Sample ID:** **12F0704-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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**	**3.41**		mg/L	0.006	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7439-92-1	**Lead**	**0.004**		mg/L	0.001	0.003	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7439-95-4	**Magnesium**	**18.0**		mg/L	0.008	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7439-96-5	**Manganese**	**0.893**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-09-7	**Potassium**	**16.8**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-23-5	**Sodium**	**33.2**		mg/L	0.066	0.100	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 18:54	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/EPA 245.1	06/25/2012 17:21	06/25/2012 17:21	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	0.0000390	0.0002000	1	EPA SW846-7470/EPA 245.1	06/25/2012 17:24	06/25/2012 17:24	AA

Sample Information

Client Sample ID: **SB-01 A (0-2)** **York Sample ID:** **12F0704-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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	2.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 A (0-2)** **York Sample ID:** **12F0704-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.4	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
67-64-1	**Acetone**	**21**	J, B	ug/kg dry	7.7	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
67-66-3	Chloroform	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-09-2	**Methylene chloride**	**22**	J, B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
108-88-3	Toluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-01 A (0-2) **York Sample ID:** 12F0704-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.4	34	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 14:21	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	104	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	83.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	90.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	65.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.7	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	92.9	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	77.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	60.9	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	160	380	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	83.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	90.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	58.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	111	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	66.2	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	69.9	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	65.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	85.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.9	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	68.9	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	144	380	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	79.2	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	54.8	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	63.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	68.7	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
83-32-9	Acenaphthene	ND		ug/kg dry	110	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 A (0-2)** **York Sample ID:** **12F0704-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	53.2	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
120-12-7	**Anthracene**	**92.7**	J	ug/kg dry	47.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
56-55-3	**Benzo(a)anthracene**	**335**		ug/kg dry	73.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
50-32-8	**Benzo(a)pyrene**	**487**		ug/kg dry	49.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
205-99-2	**Benzo(b)fluoranthene**	**411**		ug/kg dry	72.3	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
191-24-2	**Benzo(g,h,i)perylene**	**79.8**	J	ug/kg dry	57.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
207-08-9	**Benzo(k)fluoranthene**	**503**		ug/kg dry	73.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
65-85-0	Benzoic acid	ND		ug/kg dry	130	380	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	61.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	79.2	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	64.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**409**		ug/kg dry	63.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
218-01-9	**Chrysene**	**338**		ug/kg dry	76.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
53-70-3	**Dibenzo(a,h)anthracene**	**68.0**	J	ug/kg dry	48.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	61.3	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	99.7	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	54.8	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.7	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	85.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
206-44-0	**Fluoranthene**	**594**		ug/kg dry	110	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
86-73-7	Fluorene	ND		ug/kg dry	53.2	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	31.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	76.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	141	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	68.3	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**88.1**	J	ug/kg dry	70.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
78-59-1	Isophorone	ND		ug/kg dry	70.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	56.7	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	85.5	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.6	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	110	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.2	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
85-01-8	**Phenanthrene**	**99.9**	J	ug/kg dry	70.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 A (0-2)** **York Sample ID:** **12F0704-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	76.0	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR
129-00-0	**Pyrene**	**769**		ug/kg dry	68.1	190	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 22:35	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.68	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.15	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
50-29-3	**4,4'-DDT**	**5.39**		ug/kg dry	1.69	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
309-00-2	Aldrin	ND		ug/kg dry	2.40	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.00	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.00	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.00	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.00	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.00	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.37	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.0	15.0	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.05	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.22	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.30	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
72-20-8	Endrin	ND		ug/kg dry	2.28	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.53	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.61	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.00	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	3.76	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.70	18.8	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.75	19.4	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 07:40	JW
8001-35-2	Toxaphene	ND		ug/kg dry	190	190	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:17	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 A (0-2)** **York Sample ID:** **12F0704-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6760**		mg/kg dry	1.44	2.28	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-36-0	Antimony	ND		mg/kg dry	0.160	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-38-2	**Arsenic**	**5.52**		mg/kg dry	0.217	1.14	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-39-3	**Barium**	**85.0**		mg/kg dry	0.273	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.114	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.148	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-70-2	**Calcium**	**12400**		mg/kg dry	0.049	2.28	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-48-4	**Cobalt**	**5.49**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-50-8	**Copper**	**83.2**		mg/kg dry	0.160	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7439-89-6	**Iron**	**14300**		mg/kg dry	0.627	1.14	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7439-92-1	**Lead**	**184**		mg/kg dry	0.114	0.342	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7439-95-4	**Magnesium**	**3540**		mg/kg dry	0.934	2.28	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7439-96-5	**Manganese**	**244**		mg/kg dry	0.091	1.14	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.080	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-09-7	**Potassium**	**775**		mg/kg dry	3.10	11.4	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7782-49-2	Selenium	ND		mg/kg dry	0.240	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-22-4	Silver	ND		mg/kg dry	0.103	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-23-5	Sodium	ND		mg/kg dry	7.66	11.4	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-28-0	Thallium	ND		mg/kg dry	0.217	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW
7440-66-6	**Zinc**	**124**		mg/kg dry	0.080	0.570	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:50	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.111	0.114	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 A (0-2)** **York Sample ID:** **12F0704-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**87.8**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-01 B (10-12)** **York Sample ID:** **12F0704-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	21	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.50	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.9	21	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
67-64-1	**Acetone**	**21**	B	ug/kg dry	7.1	21	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
67-66-3	Chloroform	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 B (10-12)** **York Sample ID:** **12F0704-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
74-87-3	Chloromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.4	21	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	21	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
100-42-5	Styrene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
108-88-3	Toluene	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.3	32	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:02	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	95.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	77.0	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	83.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	60.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	86.0	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	56.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	148	352	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	77.0	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	83.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.7	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-01 B (10-12) **York Sample ID:** 12F0704-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	102	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	61.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	64.7	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	60.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	79.1	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	63.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	133	352	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	73.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.0	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	69.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.7	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	58.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	63.6	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
83-32-9	Acenaphthene	ND		ug/kg dry	102	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
120-12-7	Anthracene	ND		ug/kg dry	43.6	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.0	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	66.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.1	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
65-85-0	Benzoic acid	ND		ug/kg dry	120	352	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	56.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	73.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	64.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	59.7	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	65.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	58.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
218-01-9	Chrysene	ND		ug/kg dry	70.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	56.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	92.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.7	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-01 B (10-12) **York Sample ID:** 12F0704-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.5	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	79.1	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
206-44-0	Fluoranthene	ND		ug/kg dry	102	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
86-73-7	Fluorene	ND		ug/kg dry	49.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	28.7	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	70.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	131	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	63.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	64.8	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
78-59-1	Isophorone	ND		ug/kg dry	65.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
91-20-3	Naphthalene	ND		ug/kg dry	52.5	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	79.1	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	102	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.3	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
85-01-8	Phenanthrene	ND		ug/kg dry	64.9	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
108-95-2	Phenol	ND		ug/kg dry	70.4	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR
129-00-0	Pyrene	ND		ug/kg dry	63.1	176	1	EPA SW846-8270C	06/25/2012 13:10	06/25/2012 23:06	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.55	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.56	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
309-00-2	Aldrin	ND		ug/kg dry	2.23	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.63	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.19	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 B (10-12)** **York Sample ID:** **12F0704-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	13.9	13.9	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.06	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.13	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
72-20-8	Endrin	ND		ug/kg dry	2.11	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.34	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.53	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.42	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.77	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.53	3.48	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	17.4	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/26/2012 00:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	176	176	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 10:09	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4880**		mg/kg dry	1.33	2.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-36-0	Antimony	ND		mg/kg dry	0.148	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.200	1.05	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-39-3	**Barium**	**27.5**		mg/kg dry	0.253	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.008	0.105	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.137	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-70-2	**Calcium**	**499**		mg/kg dry	0.046	2.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-47-3	**Chromium**	**11.7**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-48-4	**Cobalt**	**4.54**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-50-8	**Copper**	**9.98**		mg/kg dry	0.148	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7439-89-6	**Iron**	**23500**		mg/kg dry	0.580	1.05	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7439-92-1	**Lead**	**5.41**		mg/kg dry	0.105	0.316	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7439-95-4	**Magnesium**	**1340**		mg/kg dry	0.865	2.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7439-96-5	**Manganese**	**413**		mg/kg dry	0.084	1.05	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.074	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-09-7	**Potassium**	**560**		mg/kg dry	2.87	10.5	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7782-49-2	Selenium	ND		mg/kg dry	0.223	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-01 B (10-12)** **York Sample ID:** **12F0704-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.095	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-23-5	Sodium	ND		mg/kg dry	7.09	10.5	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-28-0	Thallium	ND		mg/kg dry	0.200	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW
7440-66-6	**Zinc**	**19.9**		mg/kg dry	0.074	0.527	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 21:55	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.102	0.105	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**94.8**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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	2.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	22	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.2	22	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
67-64-1	**Acetone**	**19**	J, B	ug/kg dry	7.4	22	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
67-66-3	Chloroform	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-09-2	**Methylene chloride**	**34**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
1330-20-7P/M	**p- & m- Xylenes**	**2.4**	J	ug/kg dry	1.3	22	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
108-88-3	**Toluene**	**24**		ug/kg dry	0.55	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS
1330-20-7	**Xylenes, Total**	**2.4**	J	ug/kg dry	1.3	33	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 15:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2010	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1610	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1760	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1260	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1000	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1800	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1510	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1180	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	3100	7370	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1610	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1760	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1130	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	2150	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1280	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1360	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1910	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1260	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	1660	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	929	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1340	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2790	7370	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1540	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	397	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1460	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1060	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	1220	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	1330	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
83-32-9	Acenaphthene	ND		ug/kg dry	2140	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1030	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
120-12-7	**Anthracene**	**1000**	J	ug/kg dry	914	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1430	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
50-32-8	**Benzo(a)pyrene**	**4190**		ug/kg dry	961	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
205-99-2	**Benzo(b)fluoranthene**	**4000**		ug/kg dry	1400	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
191-24-2	**Benzo(g,h,i)perylene**	**3130**	J	ug/kg dry	1110	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
207-08-9	**Benzo(k)fluoranthene**	**3970**		ug/kg dry	1430	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	2520	7370	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1190	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1540	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1360	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1250	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1370	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1230	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
218-01-9	**Chrysene**	**5320**		ug/kg dry	1490	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
53-70-3	**Dibenzo(a,h)anthracene**	**1320**	J	ug/kg dry	932	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1190	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1930	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1060	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1100	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1660	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
206-44-0	**Fluoranthene**	**8670**		ug/kg dry	2140	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
86-73-7	Fluorene	ND		ug/kg dry	1030	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	601	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1470	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2740	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1330	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2510**	J	ug/kg dry	1360	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
78-59-1	Isophorone	ND		ug/kg dry	1370	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
91-20-3	Naphthalene	ND		ug/kg dry	1100	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1660	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	962	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2140	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1030	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
85-01-8	**Phenanthrene**	**3290**	J	ug/kg dry	1360	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
108-95-2	Phenol	ND		ug/kg dry	1470	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR
129-00-0	**Pyrene**	**7220**		ug/kg dry	1320	3690	20	EPA SW846-8270C	06/25/2012 13:10	06/26/2012 19:29	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.63	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.09	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.64	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
309-00-2	Aldrin	ND		ug/kg dry	2.33	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.75	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.73	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
11097-69-1	**Aroclor 1254**	**37.1**		ug/kg dry	7.52	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.52	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.30	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.6	14.6	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.16	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.23	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
72-20-8	Endrin	ND		ug/kg dry	2.21	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.45	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.60	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.53	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.91	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.60	3.65	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	18.2	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW
1336-36-3	**Total PCBs**	**37.1**		ug/kg dry	7.52	18.8	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:10	JW
8001-35-2	Toxaphene	ND		ug/kg dry	185	185	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:10	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8360**		mg/kg dry	1.39	2.21	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-36-0	Antimony	ND		mg/kg dry	0.155	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-38-2	**Arsenic**	**9.26**		mg/kg dry	0.210	1.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-39-3	**Barium**	**149**		mg/kg dry	0.265	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.111	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.144	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-70-2	**Calcium**	**12600**		mg/kg dry	0.048	2.21	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.088	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-48-4	**Cobalt**	**6.43**		mg/kg dry	0.088	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-50-8	**Copper**	**208**		mg/kg dry	0.155	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7439-89-6	**Iron**	**21100**		mg/kg dry	0.608	1.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7439-92-1	**Lead**	**246**		mg/kg dry	0.111	0.332	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7439-95-4	**Magnesium**	**2790**		mg/kg dry	0.907	2.21	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7439-96-5	**Manganese**	**399**		mg/kg dry	0.088	1.11	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-02-0	**Nickel**	**24.2**		mg/kg dry	0.077	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-09-7	**Potassium**	**1020**		mg/kg dry	3.01	11.1	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7782-49-2	Selenium	ND		mg/kg dry	0.233	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-22-4	Silver	ND		mg/kg dry	0.100	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-23-5	Sodium	ND		mg/kg dry	7.43	11.1	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-28-0	Thallium	ND		mg/kg dry	0.210	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-62-2	**Vanadium**	**37.8**		mg/kg dry	0.088	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW
7440-66-6	**Zinc**	**253**		mg/kg dry	0.077	0.553	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:13	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.107	0.111	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Sample Information

Client Sample ID: **SB-03 A (0-2)** **York Sample ID:** **12F0704-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.4**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-03 B (10.5-12-5)** **York Sample ID:** **12F0704-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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	2.4	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.55	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.5	23	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.6	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
67-64-1	**Acetone**	**21**	J, B	ug/kg dry	7.8	23	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
67-66-3	Chloroform	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 B (10.5-12-5)** **York Sample ID:** **12F0704-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.7	23	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.4	35	2	EPA SW846-8260B	06/26/2012 08:08	06/27/2012 02:21	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2110	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1690	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1840	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1330	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1050	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1890	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1580	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1240	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	3250	7730	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1690	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1840	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1180	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 B (10.5-12-5)** **York Sample ID:** **12F0704-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	2250	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
91-57-6	**2-Methylnaphthalene**	**1650**	J	ug/kg dry	1350	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1420	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	2010	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1330	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	1740	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	974	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1400	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2920	7730	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1610	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	417	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1530	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1110	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	1280	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	1400	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
83-32-9	**Acenaphthene**	**2900**	J	ug/kg dry	2240	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1080	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
120-12-7	**Anthracene**	**7200**		ug/kg dry	959	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1500	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
50-32-8	**Benzo(a)pyrene**	**8810**		ug/kg dry	1010	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
205-99-2	**Benzo(b)fluoranthene**	**5590**		ug/kg dry	1470	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
191-24-2	**Benzo(g,h,i)perylene**	**3500**	J	ug/kg dry	1160	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
207-08-9	**Benzo(k)fluoranthene**	**6800**		ug/kg dry	1500	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
65-85-0	Benzoic acid	ND		ug/kg dry	2640	7730	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1250	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1610	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1430	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1310	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1440	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1290	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
218-01-9	**Chrysene**	**9530**		ug/kg dry	1560	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
53-70-3	**Dibenzo(a,h)anthracene**	**1420**	J	ug/kg dry	977	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
132-64-9	**Dibenzofuran**	**2270**	J	ug/kg dry	1250	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	2030	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1110	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 B (10.5-12-5)** **York Sample ID:** **12F0704-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1150	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1740	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
206-44-0	**Fluoranthene**	**22100**		ug/kg dry	2240	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
86-73-7	**Fluorene**	**3430**	J	ug/kg dry	1080	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	630	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1550	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2880	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1390	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3090**	J	ug/kg dry	1430	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
78-59-1	Isophorone	ND		ug/kg dry	1440	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
91-20-3	**Naphthalene**	**3650**	J	ug/kg dry	1150	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1740	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1010	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2240	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1080	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
85-01-8	**Phenanthrene**	**30600**		ug/kg dry	1430	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
108-95-2	Phenol	ND		ug/kg dry	1550	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR
129-00-0	**Pyrene**	**22700**		ug/kg dry	1390	3870	20	EPA SW846-8270C	06/25/2012 13:10	06/27/2012 10:00	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.70	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.19	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
309-00-2	Aldrin	ND		ug/kg dry	2.45	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.89	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.16	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.16	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.16	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.16	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.16	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.89	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.89	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.41	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.3	15.3	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 B (10.5-12-5)** **York Sample ID:** **12F0704-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.09	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.26	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.34	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
72-20-8	Endrin	ND		ug/kg dry	2.32	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.57	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.68	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.66	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.05	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.68	3.83	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.87	19.1	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.89	19.7	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 08:36	JW
8001-35-2	Toxaphene	ND		ug/kg dry	194	194	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 11:25	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6650**		mg/kg dry	1.46	2.32	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-36-0	**Antimony**	**0.684**		mg/kg dry	0.162	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-38-2	**Arsenic**	**8.08**		mg/kg dry	0.220	1.16	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-39-3	**Barium**	**174**		mg/kg dry	0.278	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.116	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-43-9	**Cadmium**	**1.83**		mg/kg dry	0.151	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-70-2	**Calcium**	**5720**		mg/kg dry	0.050	2.32	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-47-3	**Chromium**	**25.4**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-48-4	**Cobalt**	**6.52**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-50-8	**Copper**	**64.6**		mg/kg dry	0.162	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7439-89-6	**Iron**	**37100**		mg/kg dry	0.638	1.16	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7439-92-1	**Lead**	**256**		mg/kg dry	0.116	0.348	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7439-95-4	**Magnesium**	**2180**		mg/kg dry	0.951	2.32	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7439-96-5	**Manganese**	**306**		mg/kg dry	0.093	1.16	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-02-0	**Nickel**	**24.2**		mg/kg dry	0.081	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-09-7	**Potassium**	**828**		mg/kg dry	3.15	11.6	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7782-49-2	Selenium	ND		mg/kg dry	0.245	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.104	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-03 B (10.5-12-5)** **York Sample ID:** **12F0704-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	7.79	11.6	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-28-0	Thallium	ND		mg/kg dry	0.220	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-62-2	**Vanadium**	**25.5**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW
7440-66-6	**Zinc**	**803**		mg/kg dry	0.081	0.580	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:17	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.112	0.116	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.2**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:11	06/25/2012 12:11	AMC

Sample Information

Client Sample ID: **SB-05 A (0-2)** **York Sample ID:** **12F0704-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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	2.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.3	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 A (0-2)** **York Sample ID:** **12F0704-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
67-64-1	**Acetone**	**21**	J, B	ug/kg dry	7.6	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
67-66-3	Chloroform	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.93	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-09-2	**Methylene chloride**	**22**	J, B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	23	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
108-88-3	**Toluene**	**11**		ug/kg dry	0.56	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.3	34	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 A (0-2)** **York Sample ID:** **12F0704-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1020	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	822	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	895	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	644	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	511	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	919	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	767	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	603	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1580	3760	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	822	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	895	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	574	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1090	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	654	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	691	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	976	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	644	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	845	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	473	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	681	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1420	3760	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	784	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	202	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	742	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	542	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	624	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	680	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
83-32-9	Acenaphthene	ND		ug/kg dry	1090	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	526	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
120-12-7	**Anthracene**	**575**	J	ug/kg dry	466	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	727	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
50-32-8	**Benzo(a)pyrene**	**3480**		ug/kg dry	490	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
205-99-2	**Benzo(b)fluoranthene**	**2810**		ug/kg dry	715	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
191-24-2	**Benzo(g,h,i)perylene**	**755**	J	ug/kg dry	565	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
207-08-9	**Benzo(k)fluoranthene**	**3320**		ug/kg dry	727	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 A (0-2)** **York Sample ID:** **12F0704-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	1280	3760	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	608	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
85-68-7	**Benzyl butyl phthalate**	**5590**		ug/kg dry	784	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	693	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	638	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	698	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**748**	J	ug/kg dry	629	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
218-01-9	**Chrysene**	**2520**		ug/kg dry	757	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	475	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	606	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	986	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	542	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	561	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	845	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
206-44-0	**Fluoranthene**	**4630**		ug/kg dry	1090	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
86-73-7	Fluorene	ND		ug/kg dry	526	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	306	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	752	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1400	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	676	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**838**	J	ug/kg dry	693	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
78-59-1	Isophorone	ND		ug/kg dry	698	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	561	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	845	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	490	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1090	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	526	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
85-01-8	**Phenanthrene**	**2120**		ug/kg dry	693	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
108-95-2	Phenol	ND		ug/kg dry	752	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR
129-00-0	**Pyrene**	**6570**		ug/kg dry	674	1880	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 00:40	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SB-05 A (0-2) **York Sample ID:** 12F0704-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.66	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.13	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
309-00-2	Aldrin	ND		ug/kg dry	2.38	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.81	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.90	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.90	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.90	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.90	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.90	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.66	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.66	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.34	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.9	14.9	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.03	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.20	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.28	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
72-20-8	Endrin	ND		ug/kg dry	2.25	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.50	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.63	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.58	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.96	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.63	3.72	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.59	18.6	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.66	19.2	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:04	JW
8001-35-2	Toxaphene	ND		ug/kg dry	188	188	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 12:32	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 A (0-2)** **York Sample ID:** **12F0704-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8540**		mg/kg dry	1.42	2.25	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-36-0	Antimony	ND		mg/kg dry	0.158	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-38-2	**Arsenic**	**9.15**		mg/kg dry	0.214	1.13	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-39-3	**Barium**	**155**		mg/kg dry	0.270	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.113	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.147	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-70-2	**Calcium**	**11700**		mg/kg dry	0.049	2.25	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.090	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-48-4	**Cobalt**	**6.41**		mg/kg dry	0.090	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-50-8	**Copper**	**260**		mg/kg dry	0.158	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7439-89-6	**Iron**	**20900**		mg/kg dry	0.620	1.13	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7439-92-1	**Lead**	**240**		mg/kg dry	0.113	0.338	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7439-95-4	**Magnesium**	**2650**		mg/kg dry	0.924	2.25	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7439-96-5	**Manganese**	**294**		mg/kg dry	0.090	1.13	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-02-0	**Nickel**	**24.5**		mg/kg dry	0.079	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-09-7	**Potassium**	**1130**		mg/kg dry	3.07	11.3	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7782-49-2	**Selenium**	**0.900**		mg/kg dry	0.238	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-22-4	Silver	ND		mg/kg dry	0.101	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-23-5	Sodium	ND		mg/kg dry	7.57	11.3	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-28-0	Thallium	ND		mg/kg dry	0.214	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-62-2	**Vanadium**	**33.4**		mg/kg dry	0.090	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW
7440-66-6	**Zinc**	**326**		mg/kg dry	0.079	0.564	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:22	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.109	0.113	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Sample Information

Client Sample ID: **SB-05 A (0-2)** **York Sample ID:** **12F0704-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.7**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:15	06/25/2012 12:15	AMC

Sample Information

Client Sample ID: **SB-05 B (6-8)** **York Sample ID:** **12F0704-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **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	2.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	25	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.59	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.9	25	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	7.0	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
67-64-1	**Acetone**	**27**	B	ug/kg dry	8.3	25	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
67-66-3	Chloroform	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 B (6-8)** **York Sample ID:** **12F0704-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Volatile Organics, TCL (Target Compound List)

Log-in Notes: **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
74-87-3	Chloromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.8	25	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
108-88-3	Toluene	ND		ug/kg dry	0.61	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1.5	37	2	EPA SW846-8260B	06/25/2012 08:18	06/25/2012 17:45	SS

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1120	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	900	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	980	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	706	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	559	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1010	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	840	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	660	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1730	4110	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	900	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	980	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	628	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 B (6-8)** **York Sample ID:** **12F0704-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	1200	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	716	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	757	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1070	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	706	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	925	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	518	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	746	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1550	4110	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	858	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	222	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	812	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	593	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
100-02-7	4-Nitroaniline	ND		ug/kg dry	683	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
56-57-5	4-Nitrophenol	ND		ug/kg dry	744	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
83-32-9	Acenaphthene	ND		ug/kg dry	1190	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	576	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
120-12-7	**Anthracene**	**1870**	J	ug/kg dry	510	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	796	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
50-32-8	**Benzo(a)pyrene**	**5780**		ug/kg dry	536	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
205-99-2	**Benzo(b)fluoranthene**	**4380**		ug/kg dry	783	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
191-24-2	**Benzo(g,h,i)perylene**	**1420**	J	ug/kg dry	618	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
207-08-9	**Benzo(k)fluoranthene**	**4760**		ug/kg dry	796	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
65-85-0	Benzoic acid	ND		ug/kg dry	1410	4110	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	666	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	858	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	758	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	699	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	764	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	689	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
218-01-9	Chrysene	ND		ug/kg dry	829	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
53-70-3	**Dibenzo(a,h)anthracene**	**880**	J	ug/kg dry	520	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	664	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1080	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	593	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 B (6-8)** **York Sample ID:** **12F0704-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	614	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	925	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
206-44-0	**Fluoranthene**	**8710**		ug/kg dry	1190	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
86-73-7	**Fluorene**	**584**	J	ug/kg dry	576	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	335	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	823	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1530	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	740	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1620**	J	ug/kg dry	758	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
78-59-1	Isophorone	ND		ug/kg dry	764	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
91-20-3	Naphthalene	ND		ug/kg dry	614	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	925	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	537	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1190	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	576	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
85-01-8	**Phenanthrene**	**1950**	J	ug/kg dry	759	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
108-95-2	Phenol	ND		ug/kg dry	823	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR
129-00-0	**Pyrene**	**11800**		ug/kg dry	738	2060	10	EPA SW846-8270C	06/25/2012 14:10	06/26/2012 01:11	SR

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**5.18**		ug/kg dry	1.81	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
72-55-9	**4,4'-DDE**	**6.28**		ug/kg dry	2.33	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
50-29-3	**4,4'-DDT**	**22.4**		ug/kg dry	1.83	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
309-00-2	Aldrin	ND		ug/kg dry	2.60	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.07	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.75	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.75	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.75	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.75	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.75	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.39	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.39	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.57	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
57-74-9	Chlordane, total	ND		ug/kg dry	16.3	16.3	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 B (6-8)** **York Sample ID:** **12F0704-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.22	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.41	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.49	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.09	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
72-20-8	Endrin	ND		ug/kg dry	2.47	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.74	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.83	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.25	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	4.07	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	20.4	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.39	21.0	1	EPA SW 846-8081/8082	06/25/2012 12:14	06/28/2012 09:36	JW
8001-35-2	Toxaphene	ND		ug/kg dry	206	206	10	EPA SW 846-8081/8082	06/25/2012 12:14	06/27/2012 13:43	JW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5350**		mg/kg dry	1.55	2.47	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-36-0	Antimony	ND		mg/kg dry	0.173	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-38-2	**Arsenic**	**4.58**		mg/kg dry	0.234	1.23	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-39-3	**Barium**	**302**		mg/kg dry	0.296	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.123	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.160	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-70-2	**Calcium**	**17400**		mg/kg dry	0.054	2.47	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-47-3	**Chromium**	**23.2**		mg/kg dry	0.099	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-48-4	**Cobalt**	**5.28**		mg/kg dry	0.099	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-50-8	**Copper**	**54.2**		mg/kg dry	0.173	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7439-89-6	**Iron**	**27900**		mg/kg dry	0.679	1.23	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7439-92-1	**Lead**	**578**		mg/kg dry	0.123	0.370	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7439-95-4	**Magnesium**	**2360**		mg/kg dry	1.01	2.47	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7439-96-5	**Manganese**	**303**		mg/kg dry	0.099	1.23	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-02-0	**Nickel**	**22.0**		mg/kg dry	0.086	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-09-7	**Potassium**	**814**		mg/kg dry	3.36	12.3	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7782-49-2	Selenium	ND		mg/kg dry	0.260	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SB-05 B (6-8)** **York Sample ID:** **12F0704-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Soil	June 19, 2012 3:00 pm	06/21/2012

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	8.29	12.3	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-28-0	Thallium	ND		mg/kg dry	0.234	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	0.099	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW
7440-66-6	**Zinc**	**591**		mg/kg dry	0.086	0.617	1	EPA SW846-6010B	06/25/2012 16:18	06/25/2012 22:39	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.120	0.123	1	EPA SW846-7471	06/25/2012 17:24	06/25/2012 17:24	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**81.0**		%	0.100	0.100	1	SM 2540G	06/25/2012 12:15	06/25/2012 12:15	AMC

Sample Information

Client Sample ID: **TWP-03** **York Sample ID:** **12F0704-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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	0.95	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
78-93-3	2-Butanone	ND		ug/L	2.6	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.87	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-03** **York Sample ID:** **12F0704-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.6	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
67-64-1	**Acetone**	**3.2**	J, B	ug/L	3.1	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-15-0	Carbon disulfide	ND		ug/L	0.64	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-09-2	**Methylene chloride**	**5.2**	J, B	ug/L	1.1	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/25/2012 13:45	06/25/2012 13:45	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-03 **York Sample ID:** 12F0704-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL 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	1.35	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.68	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.70	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.17	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.78	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	9.85	10.3	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.43	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.58	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.50	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.15	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
95-48-7	2-Methylphenol	ND		ug/L	0.879	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.08	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.18	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	3.81	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	6.87	10.3	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.84	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.20	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
100-02-7	4-Nitroaniline	ND		ug/L	3.87	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
56-57-5	4-Nitrophenol	ND		ug/L	4.04	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
83-32-9	Acenaphthene	ND		ug/L	3.32	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
208-96-8	Acenaphthylene	ND		ug/L	4.38	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
120-12-7	Anthracene	ND		ug/L	3.75	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	4.17	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.54	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: TWP-03 **York Sample ID:** 12F0704-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

Semi-Volatiles, EPA TCL 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
65-85-0	Benzoic acid	ND		ug/L	8.92	10.3	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.10	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.36	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
218-01-9	Chrysene	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.18	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
131-11-3	Dimethyl phthalate	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
206-44-0	Fluoranthene	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
86-73-7	Fluorene	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	3.03	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.39	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
67-72-1	Hexachloroethane	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.82	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
78-59-1	Isophorone	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
91-20-3	Naphthalene	ND		ug/L	3.96	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
98-95-3	Nitrobenzene	ND		ug/L	2.02	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.71	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.86	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
85-01-8	Phenanthrene	ND		ug/L	3.70	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
108-95-2	Phenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR
129-00-0	Pyrene	ND		ug/L	2.43	5.13	1	EPA SW846-8270C/EPA 625	06/25/2012 10:23	06/26/2012 01:42	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-03** **York Sample ID:** **12F0704-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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	0.007	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-39-3	**Barium**	**0.075**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-70-2	**Calcium**	**157**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7439-89-6	**Iron**	**0.025**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7439-95-4	**Magnesium**	**15.0**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7439-96-5	**Manganese**	**0.102**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-09-7	**Potassium**	**16.4**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-23-5	**Sodium**	**39.6**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/25/2012 16:12	06/25/2012 18:59	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**	**0.400**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-39-3	**Barium**	**0.085**		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-70-2	**Calcium**	**159**		mg/L	0.009	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **TWP-03** **York Sample ID:** **12F0704-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0704	NG12-119-02 (245-247 Driggs)	Water	June 19, 2012 3:00 pm	06/21/2012

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**	**0.718**		mg/L	0.006	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7439-95-4	**Magnesium**	**15.5**		mg/L	0.008	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7439-96-5	**Manganese**	**0.162**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-09-7	**Potassium**	**16.8**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-23-5	**Sodium**	**41.1**		mg/L	0.066	0.100	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B/EPA 200.7	06/25/2012 16:12	06/25/2012 19:03	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/EPA 245.1	06/25/2012 17:21	06/25/2012 17:21	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	0.0000390	0.0002000	1	EPA SW846-7470/EPA 245.1	06/25/2012 17:24	06/25/2012 17:24	AA

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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-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.

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. 12F0704

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: GRANT engineering	Company: SAME	Company: SAME	NGI2-119-02	RUSH - Same Day ☐	Summary Report
Address: 37 WALL ST PHA NEW YORK, NY 10005	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No. (212) 344-8689	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: STEPHEN MORSE SMORSE@GRANTPLLC.COM	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet X
					Compare to the following Regs. (please fill in): SOIL → PART 6.8 TRACK 1 SCOS GW → GA GW STANDARDS

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

Samples Collected/Authorized By (Signature)

MATTHEW PETRUCCI
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-06 SAMPLE#1 (0-2)	6/19/12	S	TCL VOC'S	1-2oz JAR
SB-06 SAMPLE (0-2)	6/19/12		TCL SVOC'S, 8081 PEST, 8082 PCB, TAL Metal	1-6oz JAR
SB-06 SAMPLE #2 (7-9)	6/19/12		TCL VOCS	1-2oz JAR
SB-06 #2 (7-9)	6/19/12		TCL SVOCS, 8081 PEST, 8082 PCB, TAL Metals	1-6oz JAR
TWP-06	6/19/12	GW	TCL VOC'S, [redacted], TCL SVOC, TAL METAL *	1-LITER, 2-6oz, 3 VIALS
SB-02 A (0-2)	6/19/12	S	TCL VOC, SVOC, PEST, PCB, METALS	1-2oz JAR, 1 6oz JAR
SB-02 B (10-12)	6/19/12	S	VOC, SVOC, PEST, PCB, METALS	1-2oz JAR, 1 6oz JAR
SB-04 A (0-2)	6/19/12	S	VOC, SVOC, PEST, PCB, METALS	1-2oz JAR, 1-6oz JAR
SB-04 B (10-11.5)	6/19/12	S	VOC, SVOC, PEST, PCB, METALS	1-2oz JAR, 1-6oz JAR
TWP-02	6/19/12	GW	VOC, SVOC METALS *	1-LITER, 2-6oz, 3-Vials

Comments
*GW TAL METALS → FILTERED & UNFILTERED PLEASE! THANKS!

Preservation
Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☒
Lab to Filter ☒

Matt Petrucci 6/21 1PM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

[signature] 6/21/12 1300
Samples Received By Date/Time

[signature] 6/21/12 1525
Samples Received in LAB by Date/Time

Temperature on Receipt 4-3 °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. 12F0704

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: GRANT engineering	Company: SAMB	Company: SAMB	NR12-119-02 (205-247-[illegible])	RUSH - Same Day ☐	Summary Report
Address: 37 WALL ST, PHA NEW YORK, NY 10005	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No. (212) 464-8689	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: STEPHEN MORSE	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: SMORSE@GRANTPLLC.COM	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet X
					Compare to the following Regs. (please fill in): SOIL → PART 6.8 TRACK 1 SCO'S GW → GA GW STANDARDS

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

Samples Collected/Authorized By (Signature)

MATTHEW PETRUCCI
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-01 A (0-2)	6/19/12	S	VOC, SVOC, PCB, PEST, METAL	1-2oz, 1-6oz
SB-01 B (10-12)	6/19/12	S		
SB-03 A (0-2)	6/19/12	S		
SB-03 B (10.5-12.5)	6/19/12	S		
SB-05 A (0-2)	6/19/12	S		
SB-05 B (6-8)	6/19/12	S		
TWP-02	6/19/12	GW	VOC, SVOC, TAL METALS (FILTERED AND UNFILTERED)	1 LITER, 2-6oz, 3 vials

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO3___ H2SO4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☒
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Matt Petrucci	6/21 1PM	TC [illegible]	6/21/12 9:00
		P Gaw	6/21/12 9:25
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 4-3 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Grant Engineering, PLLC
37 Wall Street - PH A
New York NY, 10005
Attention: Stephen Morse

Report Date: 06/27/2012
Client Project ID: NG12-119-02 (245-247-DRIGGS)
York Project (SDG) No.: 12F0706

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: 06/27/2012
Client Project ID: NG12-119-02 (245-247-DRIGGS)
York Project (SDG) No.: 12F0706

Grant Engineering, PLLC
37 Wall Street - PH A
New York NY, 10005
Attention: Stephen Morse

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 21, 2012 and listed below. The project was identified as your project: **NG12-119-02 (245-247-DRIGGS)**.

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
12F0706-01	SVP-01	Soil Vapor	06/20/2012	06/21/2012
12F0706-02	SVP-02	Soil Vapor	06/20/2012	06/21/2012
12F0706-03	SVP-03	Soil Vapor	06/20/2012	06/21/2012
12F0706-04	SVP-04	Soil Vapor	06/20/2012	06/21/2012

General Notes for York Project (SDG) No.: 12F0706

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

Approved By: **Date:** 06/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SVP-01** **York Sample ID:** **12F0706-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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	1.8	9.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.9	12	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.96	14	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.4	9.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.87	7.2	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.1	7.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.9	13	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.1	44	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.7	11	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.7	7.2	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.8	8.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.1	12	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.1	18	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	7.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	11	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.4	11	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
123-91-1	1,4-Dioxane	ND		ug/m³	5.8	64	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
78-93-3	**2-Butanone**	**91**		ug/m³	2.1	5.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
591-78-6	2-Hexanone	ND		ug/m³	4.0	15	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.6	7.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
67-64-1	**Acetone**	**420**		ug/m³	1.3	4.2	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
71-43-2	**Benzene**	**7.4**		ug/m³	0.86	5.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.1	9.2	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.7	11	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-25-2	Bromoform	ND		ug/m³	3.3	18	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
74-83-9	Bromomethane	ND		ug/m³	0.83	6.9	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.67	5.6	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	5.6	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.5	8.2	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-00-3	Chloroethane	ND		ug/m³	0.57	4.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
67-66-3	Chloroform	ND		ug/m³	1.3	8.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
74-87-3	Chloromethane	ND		ug/m³	1.1	3.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.2	7.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SVP-01** **York Sample ID:** **12F0706-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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	2.0	8.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
110-82-7	**Cyclohexane**	**7.4**		ug/m³	0.74	6.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.2	8.8	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.6	6.4	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
100-41-4	**Ethyl Benzene**	**22**		ug/m³	1.4	7.8	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.4	19	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
67-63-0	Isopropanol	ND		ug/m³	1.5	4.4	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.3	7.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.77	6.4	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-09-2	**Methylene chloride**	**16**		ug/m³	1.5	6.2	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
142-82-5	**n-Heptane**	**26**		ug/m³	0.88	7.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
110-54-3	**n-Hexane**	**23**		ug/m³	0.76	6.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
95-47-6	**o-Xylene**	**8.5**		ug/m³	1.4	7.8	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
1330-20-7P/M	**p- & m- Xylenes**	**41**		ug/m³	2.6	7.8	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.6	44	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
115-07-01	Propylene	ND		ug/m³	1.4	3.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
100-42-5	Styrene	ND		ug/m³	1.4	7.6	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
127-18-4	**Tetrachloroethylene**	**140**		ug/m³	1.5	12	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
109-99-9	**Tetrahydrofuran**	**33**		ug/m³	1.3	5.3	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
108-88-3	**Toluene**	**330**		ug/m³	1.6	6.7	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.85	7.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.5	8.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
79-01-6	**Trichloroethylene**	**25**		ug/m³	1.2	4.8	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.60	10	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.94	13	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	9.1	17.56	EPA TO-15	06/25/2012 09:00	06/25/2012 19:40	TD

Sample Information

Client Sample ID: **SVP-02** **York Sample ID:** **12F0706-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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

Sample Information

Client Sample ID: **SVP-02** **York Sample ID:** **12F0706-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

71-55-6	1,1,1-Trichloroethane	ND	ug/m³	2.4	14	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND	ug/m³	4.1	17	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ug/m³	1.3	19	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
79-00-5	1,1,2-Trichloroethane	ND	ug/m³	3.4	14	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-34-3	1,1-Dichloroethane	ND	ug/m³	1.2	10	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-35-4	1,1-Dichloroethylene	ND	ug/m³	1.5	9.9	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
120-82-1	1,2,4-Trichlorobenzene	ND	ug/m³	4.1	18	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
95-63-6	1,2,4-Trimethylbenzene	ND	ug/m³	1.5	61	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
106-93-4	1,2-Dibromoethane	ND	ug/m³	19	19	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
95-50-1	1,2-Dichlorobenzene	ND	ug/m³	3.7	15	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
107-06-2	1,2-Dichloroethane	ND	ug/m³	2.4	10	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
78-87-5	1,2-Dichloropropane	ND	ug/m³	2.5	12	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND	ug/m³	3.0	17	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
108-67-8	1,3,5-Trimethylbenzene	ND	ug/m³	1.6	24	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
106-99-0	1,3-Butadiene	ND	ug/m³	1.6	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
541-73-1	1,3-Dichlorobenzene	ND	ug/m³	2.7	15	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
106-46-7	1,4-Dichlorobenzene	ND	ug/m³	3.3	15	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
123-91-1	1,4-Dioxane	ND	ug/m³	8.1	90	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
78-93-3	**2-Butanone**	**21**	ug/m³	2.9	7.3	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
591-78-6	2-Hexanone	ND	ug/m³	5.6	20	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
108-10-1	**4-Methyl-2-pentanone**	**110**	ug/m³	3.7	10	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
67-64-1	**Acetone**	**180**	ug/m³	1.8	5.9	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
71-43-2	**Benzene**	**9.5**	ug/m³	1.2	8.0	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
100-44-7	Benzyl chloride	ND	ug/m³	1.5	13	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-27-4	Bromodichloromethane	ND	ug/m³	3.7	15	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-25-2	Bromoform	ND	ug/m³	4.6	26	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
74-83-9	Bromomethane	ND	ug/m³	1.2	9.7	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-15-0	**Carbon disulfide**	**19**	ug/m³	0.93	7.8	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
56-23-5	Carbon tetrachloride	ND	ug/m³	1.9	7.8	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
108-90-7	Chlorobenzene	ND	ug/m³	2.1	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-00-3	Chloroethane	ND	ug/m³	0.79	6.6	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
67-66-3	Chloroform	ND	ug/m³	1.8	12	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
74-87-3	Chloromethane	ND	ug/m³	1.5	5.1	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
156-59-2	cis-1,2-Dichloroethylene	ND	ug/m³	1.7	9.9	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
10061-01-5	cis-1,3-Dichloropropylene	ND	ug/m³	2.8	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
110-82-7	**Cyclohexane**	**11**	ug/m³	1.0	8.6	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
124-48-1	Dibromochloromethane	ND	ug/m³	20	20	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-71-8	Dichlorodifluoromethane	ND	ug/m³	3.1	12	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SVP-02** **York Sample ID:** **12F0706-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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
141-78-6	Ethyl acetate	ND		ug/m³	2.2	9.0	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
100-41-4	**Ethyl Benzene**	**21**		ug/m³	1.9	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.8	27	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
67-63-0	Isopropanol	ND		ug/m³	2.1	6.1	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	10	10	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	9.0	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-09-2	Methylene chloride	ND		ug/m³	2.1	8.6	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
142-82-5	**n-Heptane**	**47**		ug/m³	1.2	10	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
110-54-3	**n-Hexane**	**170**		ug/m³	1.1	8.8	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
95-47-6	**o-Xylene**	**27**		ug/m³	1.9	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
1330-20-7P/M	**p- & m- Xylenes**	**78**		ug/m³	3.7	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.2	61	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
115-07-01	Propylene	ND		ug/m³	2.0	4.3	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
100-42-5	Styrene	ND		ug/m³	1.9	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
127-18-4	**Tetrachloroethylene**	**66**		ug/m³	2.0	17	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.8	7.3	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
108-88-3	**Toluene**	**80**		ug/m³	2.3	9.4	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.2	9.9	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.0	11	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.6	6.7	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**20**		ug/m³	0.84	14	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.3	18	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD
75-01-4	Vinyl Chloride	ND		ug/m³	1.5	13	24.47	EPA TO-15	06/25/2012 09:00	06/25/2012 20:27	TD

Sample Information

Client Sample ID: **SVP-03** **York Sample ID:** **12F0706-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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	2.0	11	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.3	14	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	15	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SVP-03** **York Sample ID:** **12F0706-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.8	11	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.98	8.2	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.2	8.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.3	15	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
95-63-6	**1,2,4-Trimethylbenzene**	**51**		ug/m³	1.2	50	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.0	12	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.0	8.2	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.1	9.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.4	14	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.3	20	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	8.7	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.2	12	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.7	12	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.5	73	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
78-93-3	**2-Butanone**	**70**		ug/m³	2.4	6.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
591-78-6	2-Hexanone	ND		ug/m³	4.5	17	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.0	8.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
67-64-1	**Acetone**	**400**		ug/m³	1.5	4.8	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
71-43-2	**Benzene**	**13**		ug/m³	0.97	6.4	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	10	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.0	13	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-25-2	Bromoform	ND		ug/m³	3.8	21	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
74-83-9	Bromomethane	ND		ug/m³	0.94	7.8	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-15-0	**Carbon disulfide**	**33**		ug/m³	0.75	6.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.5	6.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.7	9.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-00-3	Chloroethane	ND		ug/m³	0.64	5.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
67-66-3	Chloroform	ND		ug/m³	1.5	9.9	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
74-87-3	Chloromethane	ND		ug/m³	1.3	4.2	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	8.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.3	9.2	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
110-82-7	**Cyclohexane**	**10**		ug/m³	0.83	6.9	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.5	10	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SVP-03** **York Sample ID:** **12F0706-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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
141-78-6	Ethyl acetate	ND		ug/m³	1.8	7.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
100-41-4	**Ethyl Benzene**	**43**		ug/m³	1.6	8.8	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.9	22	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
67-63-0	Isopropanol	ND		ug/m³	1.7	5.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.3	8.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.87	7.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-09-2	Methylene chloride	ND		ug/m³	1.7	7.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
142-82-5	**n-Heptane**	**67**		ug/m³	0.99	8.3	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
110-54-3	**n-Hexane**	**100**		ug/m³	0.85	7.1	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
95-47-6	**o-Xylene**	**49**		ug/m³	1.6	8.8	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
1330-20-7P/M	**p- & m- Xylenes**	**140**		ug/m³	3.0	8.8	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
622-96-8	**p-Ethyltoluene**	**53**		ug/m³	1.8	50	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
115-07-01	Propylene	ND		ug/m³	1.6	3.5	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
100-42-5	Styrene	ND		ug/m³	1.5	8.6	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
127-18-4	**Tetrachloroethylene**	**49**		ug/m³	1.6	14	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
109-99-9	**Tetrahydrofuran**	**43**		ug/m³	1.5	6.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
108-88-3	**Toluene**	**170**		ug/m³	1.8	7.6	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.96	8.0	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	9.2	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.3	5.4	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.68	11	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.1	14	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD
75-01-4	Vinyl Chloride	ND		ug/m³	1.2	10	19.84	EPA TO-15	06/25/2012 09:00	06/25/2012 21:13	TD

Sample Information

Client Sample ID: **SVP-04** **York Sample ID:** **12F0706-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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	1.9	11	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.3	14	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	15	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SVP-04 **York Sample ID:** 12F0706-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.7	11	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.96	8.0	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.2	7.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.2	15	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
95-63-6	**1,2,4-Trimethylbenzene**	**56**		ug/m³	1.2	49	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.0	12	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.9	8.0	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.0	9.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.4	14	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
108-67-8	**1,3,5-Trimethylbenzene**	**22**		ug/m³	1.3	19	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	8.6	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.1	12	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.6	12	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.4	71	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
78-93-3	**2-Butanone**	**23**		ug/m³	2.3	5.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
591-78-6	2-Hexanone	ND		ug/m³	4.5	16	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.9	8.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
67-64-1	**Acetone**	**470**		ug/m³	1.5	4.7	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
71-43-2	Benzene	ND		ug/m³	0.95	6.3	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.2	10	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.9	12	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-25-2	Bromoform	ND		ug/m³	3.7	20	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
74-83-9	Bromomethane	ND		ug/m³	0.92	7.7	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.74	6.2	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.5	6.2	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.6	9.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-00-3	Chloroethane	ND		ug/m³	0.63	5.2	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
67-66-3	Chloroform	ND		ug/m³	1.4	9.7	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
74-87-3	Chloromethane	ND		ug/m³	1.2	4.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.3	7.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.2	9.0	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
110-82-7	Cyclohexane	ND		ug/m³	0.82	6.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.4	9.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SVP-04** **York Sample ID:** **12F0706-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0706	NG12-119-02 (245-247-DRIGGS)	Soil Vapor	June 20, 2012 3:00 pm	06/21/2012

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
141-78-6	Ethyl acetate	ND		ug/m³	1.8	7.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
100-41-4	**Ethyl Benzene**	**180**		ug/m³	1.5	8.6	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.8	21	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
67-63-0	Isopropanol	ND		ug/m³	1.7	4.9	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.1	8.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.85	7.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-09-2	Methylene chloride	ND		ug/m³	1.6	6.9	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
142-82-5	**n-Heptane**	**17**		ug/m³	0.97	8.1	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
110-54-3	**n-Hexane**	**9.8**		ug/m³	0.84	7.0	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
95-47-6	**o-Xylene**	**250**		ug/m³	1.5	8.6	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
1330-20-7P/M	**p- & m- Xylenes**	**520**		ug/m³	2.9	8.6	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
622-96-8	**p-Ethyltoluene**	**99**		ug/m³	1.8	49	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
115-07-01	Propylene	ND		ug/m³	1.6	3.4	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
100-42-5	Styrene	ND		ug/m³	1.5	8.4	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
127-18-4	**Tetrachloroethylene**	**59**		ug/m³	1.6	13	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.5	5.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
108-88-3	**Toluene**	**730**		ug/m³	4.5	19	48.65	EPA TO-15	06/25/2012 09:00	06/26/2012 17:01	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.94	7.8	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	9.0	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.3	5.3	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.67	11	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.0	14	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	TD
75-01-4	Vinyl Chloride	ND		ug/m³	1.2	10	19.46	EPA TO-15	06/25/2012 09:00	06/25/2012 21:58	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.

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. 12F0706

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: GRANT engineering	Company: SAME	Company: SAME	NGI2-119-02 (SUB-SLAB DEVICES)	RUSH - Same Day ☐	Summary Report ___
Address: 37 WALL ST, PHA NEW YORK, NY 10005	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No. (212) 464-8689	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ___
Contact Person: STEPHEN MORGAN	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: SMORGAN@GRANTPLLC.COM	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ___
				Standard(5-7 Days) ☒	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel ___
					Regulatory Comparison Excel ☒

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

Samples Collected/Authorized By (Signature)

MATTHEW PETRUCCI
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 <5 ug/m³

Special Instructions

NEW YORK STATE DOH 2006 MATRIX VALUES

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
SVP-01	6/20/12	AS	-28.5	Ø	EPA TO-15 LIST	6 Liter Summa canister / Tedlar Bag Y68
SVP-02	↓	↓	-27	-3	↓	6 Liter Summa canister / Tedlar Bag Y70
SVP-03	↓	↓	-29	-6	↓	6 Liter Summa canister / Tedlar Bag Y84
SVP-04	↓	↓	-27	-6	↓	6 Liter Summa canister / Tedlar Bag S05
						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	Date/Time	Samples Received By	Date/Time
Matt Petrucci	6/21 1PM	[signature]	6/21/12 1300
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	6/21/12 - 1600