# 3361 3rd Avenue

**BRONX, NEW YORK**

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# Remedial Investigation Report

**NYC VCP Site Number: 13CVCP121X**

**Prepared for:**

3361 Third Avenue Acquisition, LLC.
1605 Dr. Martin Luther King Jr. Boulevard
Bronx, New York 10453
ad@strategic-construction.com

**Prepared by:**

Hydro Tech Environmental, Corp.
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
Phone: (718) 636-0800

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# REMEDIAL INVESTIGATION REPORT

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# LIST OF ACRONYMS

| Acronym | Definition |
|---|---|
| 1,1,1-Trichloroethane | TCA |
| 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 |
| PCE | Tetrachloroethylene |

# CERTIFICATION

I, Mark E. Robbins, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 3361 3rd Avenue Site, (NYC VCP Site No. 13EHAZ326X). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

| | | |
|---|---|---|
| Mark E. Robbins | 3/15/2013 | |
| 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 in the Morrisania section of Bronx, New York and is identified as Block 2370 and Lots 35 & 36 on the New York City Tax Map. Figure 1 is a Site location map. The Site is 8,916.70-square feet in area and is bounded by Third Avenue to the east, a vacant asphalt paved lot to the north, a 1-story commercial building and asphalt paved parking lot to the south and a 2-story parking building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is undeveloped and occupied by a used cars dealership with a mobile home parked on the lot which serves as the office. The eastern portion of the Site is partially paved with asphalt and the western portion is unpaved. The elevation of the Site is approximately 5 feet below the sidewalk curb elevation along 3rd Avenue to the east. The eastern portion of the Site is steeply declined toward the west and provides access ramp from 3rd Avenue.

**Summary of Proposed Redevelopment Plan**

The proposed use of the Site will consist of residential use. The Site will be developed into 7-story building with full cellar. The cellar floor will consist of social services offices and the ground and upper floors will consist of residential units. The cellar slab will be installed at 11.4 feet below the sidewalk curb elevation and the cellar slab will be approximately 5 inches in thickness. The footprint of the building will be approximately 4,750 square feet. A landscaped rear yard is proposed in the western portion of the Site and a landscaped courtyard is proposed in the south-central portion. This proposed building would be identified as 3361 3rd Avenue, Bronx, New York. The layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-1 manufacturing district and R7-2 residential district.

**Summary of Past Uses of Site and Areas of Concern**

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by CA Rich Environmental

Specialists in December 2012, a Site history was established. The Site was developed across the eastern portion prior to 1951 with two multi-story mixed-use residential and commercial buildings. The buildings were demolished prior to 1970 and the Site has been undeveloped since then.

The AOCs identified for this Site include:

1. Historic fill material present throughout the Site;
2. Historic automotive repairs at adjacent properties;
3. Suspected heating fuel oil USTs in the eastern portion of the Site.

**Summary of the Work Performed under the Remedial Investigation**

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey throughout the 50 percent of the Site;
3. Installed seven (7) soil borings across the entire project Site, and collected fourteen (14) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed four (4) soil vapor probes around Site perimeter and collected four (4) samples for chemical analysis.

**Summary of Environmental Findings**

1. Elevation of the property ranges from 33 to 35 feet.
2. Depth to groundwater ranges from 13.52 to 17.51 feet at the Site.
3. Groundwater flow is generally from northeast to southwest beneath the Site.

4. Depth to bedrock is in excess of 100 feet at the Site. Cobbles and boulders were encountered between 24 and 65 feet bgs.

5. The stratigraphy of the site, from the surface down, consists of historic fill at variable depths ranging in thickness from zero to 11 feet at the site elevation (sand with traces of gravel, silt, asphalt, charcoal, brick fragments and miscellaneous). The fill layer is underlain by glacial till (granular sand with trace of gravel, cobble and boulders) to variable depths ranging from 24 to 65 feet. Soft rock (hard silty clay with sand) is located down from 65 feet to 101 feet.

6. Soil samples collected during the remedial investigation showed no VOCs above Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential SCOs (RSCOs). Trace levels of one VOCs, acetone was detected. No chlorinated VOCs were found in any soil samples. SVOC's including benzo(a)anthracene (max. of 5.29 mg/kg or ppm), benzo(a)pyrene (max. of 4.51 ppm), benzo(b)fluoranthene (max. of 4.31 ppm), benzo(k)fluoranthene (max. of 4.17 ppm), chrysene (max. of 4.38 ppm), dibenzo(a,h)anthracene (max. of 0.44 ppm) and indeno(1,2,3-cd)pyrene (max. of 2.81 ppm) were detected in shallow soil samples at concentrations that exceeded the Restricted Use (Track 2) Residential SCOs. The SVOC's are PAH compounds and are attributed to the presence of historic fill material at the property. Pesticides including DDD (maximum of 0.676 mg/kg), DDE (maximum of 0.135 mg/kg) and DDT (maximum of 0.0645 mg/kg) were detected in all shallow soil samples at concentrations above the Track 1 Unrestricted Use SCOs. PCBs (max. of 1.39 mg/kg) were detected in 2 shallow soil samples. SVOCs, Pesticides and PCBs were not detected in any deep samples. Metals including arsenic (maximum of 41.5 mg/kg), barium (maximum of 1,800 mg/kg), cadmium (maximum of 5.6 mg/kg), chromium trivalent (maximum of 69.7 mg/kg), copper (maximum of 6090 mg/kg), lead (maximum of 2,440 mg/kg), and zinc (maximum of 2,800 mg/kg) were detected in all shallow soil samples at concentrations that exceeded the Track 2 Residential SCOs. Metal concentrations in deeper soils were below Track 1 SCOs.

7. Groundwater samples collected during the RI showed two chlorinated VOCs including PCE (maximum of 2.10 ug/l) and chloroform (maximum of 2.2 ug/l) in all 3 monitoring wells installed at the Site. PCE and Chloroform concentrations are below

6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). No chlorinated VOCs were detected in soil samples on the subject property. One SVOC, bis(2-ethylexyl)phthalate, which is a common laboratory contaminant and was not detected in on-Site soil samples, was found in one sample at a concentration (22.20 ug/l) exceeding its GQS. No pesticides or PCBs were detected in groundwater samples. One dissolved metal, magnesium (maximum of 36,100 ug/L), was detected in groundwater beneath the Site above GQS.

8. Soil vapor samples collected during the RI showed a wide range of compounds throughout the property including BTEX and associated derivative compounds and chlorinated hydrocarbons. BTEX and associated derivatives were found in all soil vapor samples and included a wide number of compounds. These compounds were not identified in soil or groundwater on the property and are not believed to be associated with an on-site source area. Chlorinated hydrocarbons are also commonly observed in all soil vapor samples. PCE was detected in 2 of 4 vapor samples at concentrations of 32 $ug/m^3$ and 61 $ug/m^3$. TCA was detected in one vapor sample at a concentration of 29 $ug/m^3$. Other chlorinated hydrocarbon compounds are identified in soil vapor samples including chloroform (maximum 62 $ug/m^3$) and acetone (maximum 290 $ug/m^3$).

# REMEDIAL INVESTIGATION REPORT

## 1.0 SITE BACKGROUND

3361 Third Avenue Acquisition, LLC. has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.2 site located at 3357 & 3361 3rd Avenue in the Morrisania section of Bronx, New York. Residential use is proposed for the property. The RI work was performed during February 18, 19, 20 and 21, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

### 1.1 Site Location and Current Usage

The Site is located in the Morrisania section of Bronx, New York and is identified as Block 2370 and Lots 35 & 36 on the New York City Tax Map. Figure 1 is a Site location map. The Site is 8,917.70-square feet in area and is bounded by Third Avenue to the east, a vacant asphalt paved lot to the north, a 1-story commercial building and asphalt paved parking lot to the south and a 2-story parking building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is undeveloped and occupied by a used cars dealership with a mobile home parked on the lot which serves as the office. The eastern portion of the Site is partially paved with asphalt and the western portion is unpaved. The elevation of the Site is approximately 5 feet below the sidewalk curb elevation along 3rd Avenue to the east. The eastern portion of the Site is steeply declined toward the west and provides access ramp from 3rd Avenue.

### 1.2 Proposed Redevelopment Plan

The proposed use of the Site will consist of residential use. The Site will be developed into 7-story building with full cellar. The cellar floor will consist of social services offices and the ground and upper floors will consist of residential units. The cellar slab will be installed at 11.4 feet below the sidewalk curb elevation and the cellar slab will be approximately 5 inches in thickness. The footprint of the building will be approximately 4,750 square feet. A landscaped rear yard is proposed in the western portion of the Site and a landscaped courtyard is proposed in the south-central portion. This proposed building would be identified as 3361 3rd Avenue, Bronx,

New York. The layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-1 manufacturing district and R7-2 residential district.

### 1.3 Description of Surrounding Property

The Site is located in a residential, commercial and light industrial neighborhood. Third Avenue is located to the east of the Site. A parking lot bounds the Site to the north, two 1-story commercial buildings and parking lot bound the Site to the south and 2-story parking bounds the Site to west.

Within 500 feet radius of the Site, there are a variety of land uses including: residential (multi-story residential apartments) and light industrial uses. Properties located within 1/4-mile radius of the Site are zoned R6, R7-1, R7-2, R8, (general residential districts), M1-1 (general manufacturing district) and C1-2, C2-2, C2-4and C4-4 (general commercial district). Within 250 feet radius of the Site, no sensitive receptor is identified. The land uses include residential homes, commercial uses, community and religious facilities and parking lots. Figure 4 shows the surrounding land usage.

# 2.0 SITE HISTORY

## 2.1 Past Uses and Ownership

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Report prepared by CA Rich Environmental Specialists in December 2012, a Site history was established. The Site was developed across the eastern portion prior to 1951 with two multi-story mixed-use residential and commercial buildings. The buildings were demolished prior to 1970 and the Site has been undeveloped since then.

## 2.2 Previous Investigations

Previous investigations performed at the Site included the following:

- Phase-I Environmental Site Assessment (ESA), December 2012, CA Rich Environmental Specialists.
- Geotechnical Exploration, March 8, 2013, GTA Engineering Services of New York, P.C.
- Remedial Investigation, February 2013, Hydro Tech Environmental, Corp.

The Phase I ESA report and Geotechnical Exploration report are presented in Appendix A.

## 2.3 Site Inspection

Stephen Malinowski of CA Rich Environmental Specialists performed the Site inspection on December 10, 2012. Site reconnaissance included a visual inspection of all vacant undeveloped portions of the Site and the adjacent land uses.

At the time of the inspection, the eastern portion of the Site along 3rd Avenue was utilized for the sale of used cars and consisted of a partially paved surface with a gated fence along 3rd Avenue. The western portion of the property had an unpaved surface and was utilized by Brinini Construction for the storage of construction supplies, tools and equipment. The Site vicinity consisted of residential and industrial uses.

## 2.4 Areas of Concern

Based upon the findings of the previous investigation, the AOCs identified for this site include:

1. Historic fill material present throughout the Site;
2. Historic automotive repairs at adjacent properties;
3. Suspected heating fuel oil USTs in the eastern portion of the Site.

A map showing areas of concern is presented in Figure 5.

# 3.0 PROJECT MANAGEMENT

## 3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Mark E. Robbins.

## 3.2 Health and Safety

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

## 3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations. Soil cuttings, acetate liners, gloves and all liquid generated during well development, groundwater sampling and rinsate from the decontamination area were placed in a clearly labeled DOT approved 55-gallon drums to be disposed off-site at a later date in accordance to DER-10 Technical Guidance for Site Investigation and Remediation (May 2010).

# 4.0 REMEDIAL INVESTIGATION ACTIVITIES

The following is the scope of work that summarizes the investigatory efforts at the Site. Hydro Tech Environmental, Corp, implemented the following scope of work.

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey throughout the 50 percent of the Site;
3. Installed seven (7) soil borings across the entire project Site, and collected fourteen (14) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed four (4) soil vapor probes around Site perimeter and collected four (4) samples for chemical analysis.

Photographs were taken during RI activities and are provided in Appendix B.

## 4.1 Geophysical Investigation

A geophysical survey consisting of Ground Penetrating Radar (GPR) survey was performed at the Site on February 19, 2013. The purpose of the GPR survey was to identify the presence of any suspect underground storage tanks (USTs).

The survey was performed over a grid pattern that was determined immediately prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated size of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The differences in amplitude obtained during each scan are graphically displayed on the Control Unit, which are then interpreted by the GPR operator. Additional interpretations are then conducted in the office using computer software.

The GPR survey was performed successfully over approximately 50 percent of the Site. Stalled vehicles owned by the used cars dealership occupied the remaining 50 percent of the property. One anomaly indicative of suspect a UST, eight feet long and six feet wide, was identified during the GPR survey in the northeastern portion of the Site. The anomaly was identified at approximately 3 feet below Site surface elevation. Appendix C includes the GPR summary report. The location of the suspect UST anomaly is provided in Figure 5.

## 4.2 Borings and Monitoring Wells

### Drilling and Soil Logging

Seven (7) soil probes designated SP-1 through SP-7 were installed and sampled at the Site. The soil probes were installed to variable depth utilizing Hydro Tech's fleet of Geoprobes® fitted with Geoprobe® tooling and sampling equipment. An elevation survey was performed by Hydro Tech geologist utilizing David White LT8-300 Transit to determine the depth of each soil probe relative to depth of the proposed cellar depth, which is established at 11 feet 5 inches below sidewalk curb elevation along 3rd Avenue to the east. Consistent with the topography at the Site, soil probes SP-1 was installed to the depth of 14 feet below the upper site elevation. Remaining soil probes were installed to the depth of 10 feet below lower Site elevation.

Soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. Each Macro Core was cut open and immediately screened with a Photo Ionization Detector (PID) for VOCs, prior to collecting the required samples for laboratory analysis. The soil was screened and characterized at two-foot intervals. Continuous soil samples were collected during soil probe installation.

Boring logs were prepared by a geologist and are attached in Appendix D. A map showing the location of soil borings is shown in Figure 6. Land survey was used to identify the depth of all soil probes. A cross section view of sampling elevations is shown in Figure 7. Soil samples from each boring were screened by visual and olfactory means and for organic vapors using a calibrated PID. Results of soil screening are recorded on the soil boring logs.

## Groundwater Monitoring Well Construction

Three (3) groundwater monitoring wells (MW-1, MW-2, MW-3) were installed at the Site during the RI. The monitoring wells were installed utilizing similar technology as the soil probes. Monitor wells were installed at the base of the unconsolidated zone and at the top of boulder refusal encountered at depths of approximately 26 feet in MW-1, 27 feet in MW-2 and 28 feet in MW-03. The refusal profile beneath the Site is consistent with the geomorphological relief at the Site vicinity, which is declined to the west. All monitoring wells were constructed of 1-inch diameter PVC. The well screens consist of 0.010-inch slots extended up 15 feet from the bottom of each well. The remaining portion of each of these wells consisted of a riser. Monitor well locations are shown in Figure 7. Land survey was used to identify the depth of monitor wells. A cross section view of sampling elevations and refusal profile is shown in Figure 6.

## Survey

Land survey was used to identify the location of all soil borings and monitor wells. The elevation of all installed monitoring were surveyed relative to a permanent surface benchmark. A qualified geologist performed all survey work reported in this RIR. The surveyor is Paul I. Matli.

## Water Level Measurement

One round of static water levels was obtained prior to groundwater purging and sampling to determine groundwater elevation and groundwater flow direction. Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. The depth to water was measured in each well from the northern portion of the casing top. Water level data is included in **Table 1**.

## Soil Vapor Boring Construction

Four (4) soil vapor probes designated SV-1 to SV-4 were installed during this RI. The soil vapor probes were installed in accordance with the NYSDOH guidance for evaluating soil vapor intrusion dated October 2006. Each soil vapor sampling point consisted of a stainless steel screen, or implant, fitted with dedicated polyethylene tubing. Each of the implants is of 1½-inch diameter. Each soil vapor implant was installed in the subsurface soil a one-foot below the depth of the proposed cellar slab. Glass beads were poured into the hole to fully encompass the screen

implant and the hole was sealed with bentonite and quick dry-lock non-VOC quick set cement. A map showing the locations of soil vapor borings is shown in Figure 6. Land survey was used to identify the depth of soil vapor probes. A cross section view of sampling elevations is shown in Figure 7.

### 4.3 Sample Collection and Chemical Analysis

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

#### Soil Sampling

A total of fourteen (14) soil samples were collected from the soil-borings on-Site for laboratory analysis including seven (7) shallow soil samples ranging in depth from zero to 2 below surface elevation, and seven (7) deep soil samples with one (1) sample collected at 12 to 14 feet below the upper Site elevation in the eastern portion and six (6) samples collected at 8 to 10 feet below the lower Site elevation. Samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

All samples were properly handled and placed into the appropriately labeled containers. One field blank sample and one trip blank were collected and submitted to the laboratory as specified in the work plan. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 2. Figure 6 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

**Groundwater Sampling**

Three (3) groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected using the low stress (low flow) purging and sampling procedure specified by the US EPA. The low flow was accomplished with a Solinst Model 410 Peristaltic Pump and the continuous flow was monitored with a Horiba-22 water quality monitor until the readings had stabilized.

All water samples were collected in laboratory supplied jars, properly labeled with the well number, the date and time of sampling, the analytical requirements, and then placed on ice for the duration of the sampling and transport to the laboratory. A chain of custody form was completed at the time of sampling and maintained until disposition of the samples at the laboratory. One field blank sample and one trip blank were collected and submitted to the laboratory as specified in the work plan. To prevent cross contamination, new clean tubing was used for sampling each well.

Groundwater sampling logs with information on purging and sampling of groundwater monitor wells are included in Appendix E. Figure 6 shows the location of groundwater sampling. Laboratory information and analytical methods are shown below. Groundwater sample collection data is reported in Table 3.

**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 6. Soil vapor sample collection data is reported in Table 4. Soil vapor sampling logs are included in Appendix F. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

A soil vapor sample from each soil vapor probe was collected utilizing 6 liter pre-cleaned, passivated, evacuated whole air Summa® Canister. In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas,

Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location. Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling while continuously monitoring air drawn from the implant with a helium detector. (Dielectric Model MDG-2002, Multi-gas Detector). Helium Detector readings ranged between 20 µg/L and 30 µg/L indicating helium was not detected. Following verification that the surface seal was tight and prior to soil vapor sampling, approximately 0.3 ml of air was purged out of all vapor points utilizing a syringe.

The Summa Canisters were calibrated for 6 hours and the soil vapor sampling was run on each canister for a time period of 6 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and top time was recorded. After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State.

**Chemical Analysis**

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

| Factor | Description |
|---|---|
| Quality Assurance Officer | The chemical analytical quality assurance is directed by Mr. Mark E. Robbins |
| Chemical Analytical Laboratory | Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc. |
| Chemical Analytical Methods | Soil analytical methods:<br>• TAL Metals by EPA Method 6010C (rev. 2007);<br>• VOCs by EPA Method 8260C (rev. 2006);<br>• SVOCs by EPA Method 8270D (rev. 2007);<br>• Pesticides by EPA Method 8081B (rev. 2000);<br>• PCBs by EPA Method 8082A (rev. 2000); |

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

**Results of Chemical Analyses**

Laboratory data for soil, groundwater and soil vapor are summarized in Table 2 through Table 4, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix G, H and I.

# 5.0 ENVIRONMENTAL EVALUATION

## 5.1 Geological and Hydrogeological Conditions

The Site is located in the southwestern portion of the Borough of Brooklyn, New York. The elevation of the Site is approximately 38 feet above mean sea level (USGS 7.5-Minute Central Park, New York Quadrangle, 1969, Photo revised 1979).

**Stratigraphy**

The stratigraphy of the site, from the surface down, consists of historic fill at variable depths ranging in thickness from zero to 11 feet at the site elevation (sand with traces of gravel, silt, asphalt, charcoal, and brick fragments and miscellaneous). The fill layer is underlain by glacial till (granular sand with trace of gravel, cobble and boulders) to variable depths ranging from 24 to 65 feet. Soft rock (hard silty clay with sand) is located down from 65 feet to 101 feet. Geotechnical boring logs describing surface conditions are presented in Appendix A.

Hydrogeology

A table of water level data for all monitor wells is included in Table 1. The depth to groundwater ranges from 13.52 to 17.51 feet at the Site. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 8. Groundwater flow is from northeast to southwest.

### 5.2 Soil Chemistry

Soil samples collected during the remedial investigation showed no VOCs above Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential SCOs (RSCOs). Low levels of one VOCs, acetone was detected in 2 shallow soil samples and 1 deep soil sample. No chlorinated VOCs were found in any soil samples. SVOC's including benzo(a)anthracene (max. of 5.29 mg/kg or ppm), benzo(a)pyrene (max. of 4.51 ppm), benzo(b)fluoranthene (max. of 4.31 ppm), benzo(k)fluoranthene (max. of 4.17 ppm), chrysene (max. of 4.38 ppm), dibenzo(a,h)anthracene (max. of 0.44 ppm) and indeno(1,2,3-cd)pyrene (max. of 2.81 ppm) were detected in 6 of 7 shallow soil samples at concentrations that exceeded the Restricted Use (Track 2) Residential SCOs. Total SVOCs in shallow soils at the Site ranged from 8.19 mg/kg to 21.6 ppm. SVOCs were not detected in any of the deep soil samples. The

SVOC's are PAH compounds and are attributed to the presence of historic fill material at the property. Pesticides including DDD (maximum of 0.676 mg/kg), DDE (maximum of 0.135 mg/kg) and DDT (maximum of 0.0645 mg/kg) were detected in all the 7 shallow soil samples at concentrations above the Track 1 Unrestricted Use SCOs. PCBs (max. of 1.39 mg/kg) were detected in 2 of 7 shallow soil samples. Pesticides and PCBs were not detected in any deep samples. Metals were detected in both shallow and deep soils at the Site. Metals including arsenic (maximum of 41.5 mg/kg), barium (maximum of 1,800 mg/kg), cadmium (maximum of 5.6 mg/kg), chromium trivalent (maximum of 69.7 mg/kg), copper (maximum of 6090 mg/kg), lead (maximum of 2,440 mg/kg), and zinc (maximum of 2,800 mg/kg) were detected in all shallow soil samples at concentrations that exceeded the Track 2 Residential SCOs. Metal concentrations in deeper soils were below Track 1 SCOs.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 2. Figure 9 through Figure 12 show the location and post the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 and Track 2 Soil Cleanup Objectives.

## 5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed two chlorinated VOCs including PCE (maximum of 2.10 ug/l) and chloroform (maximum of 2.2 ug/l) in all three monitoring wells installed at the Site. PCE and Chloroform concentrations did not exceeded 6NYCRR Part 703.5 Class GA Groundwater Quality Standards (GQS). No chlorinated VOCs were detected in soil samples on the property. One SVOC, bis(2-ethylexyl)phthalate, which is a common laboratory contaminant, was detected in one sample at a concentration (15.2 ppb) exceeding its GQS. No pesticides or PCBs were detected in groundwater samples. One dissolved metal, magnesium, was detected in groundwater above its GQS.

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 3. Figure 13 and Figure 14 show the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

## 5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed a wide range of compounds throughout the property including BTEX and associated derivative compounds and chlorinated hydrocarbons. BTEX and associated derivatives were found in all soil vapor samples and included a wide number of compounds. These compounds were not identified in soil or groundwater on the property and are not believed to be associated with an on-site source area. Chlorinated hydrocarbons are also commonly observed in all soil vapor samples. PCE was detected in 2 of 4 vapor samples at concentrations of 32 ug/$m^3$ and 61 ug/$m^3$. TCA was detected in one vapor sample at a concentration of 29 ug/$m^3$. Other chlorinated hydrocarbon compounds are identified in soil vapor samples including chloroform (maximum 62 ug/$m^3$) and acetone (maximum 290 ug/$m^3$).

The NYSDOH has established AGVs for three (3) of the VOCs analyzed (methylene chloride, PCE, and TCE). PCE was detected in soil vapor at concentration of 61 µg/$m^3$ which is below the corresponding AGV of 100 µg/$m^3$. Methylene chloride was detected at a concentration of 20 µg/$m^3$, which is below the corresponding AGV of 60 µg/$m^3$.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 4. Figure 15 shows the location and posts the values for soil vapor samples with detected concentrations.

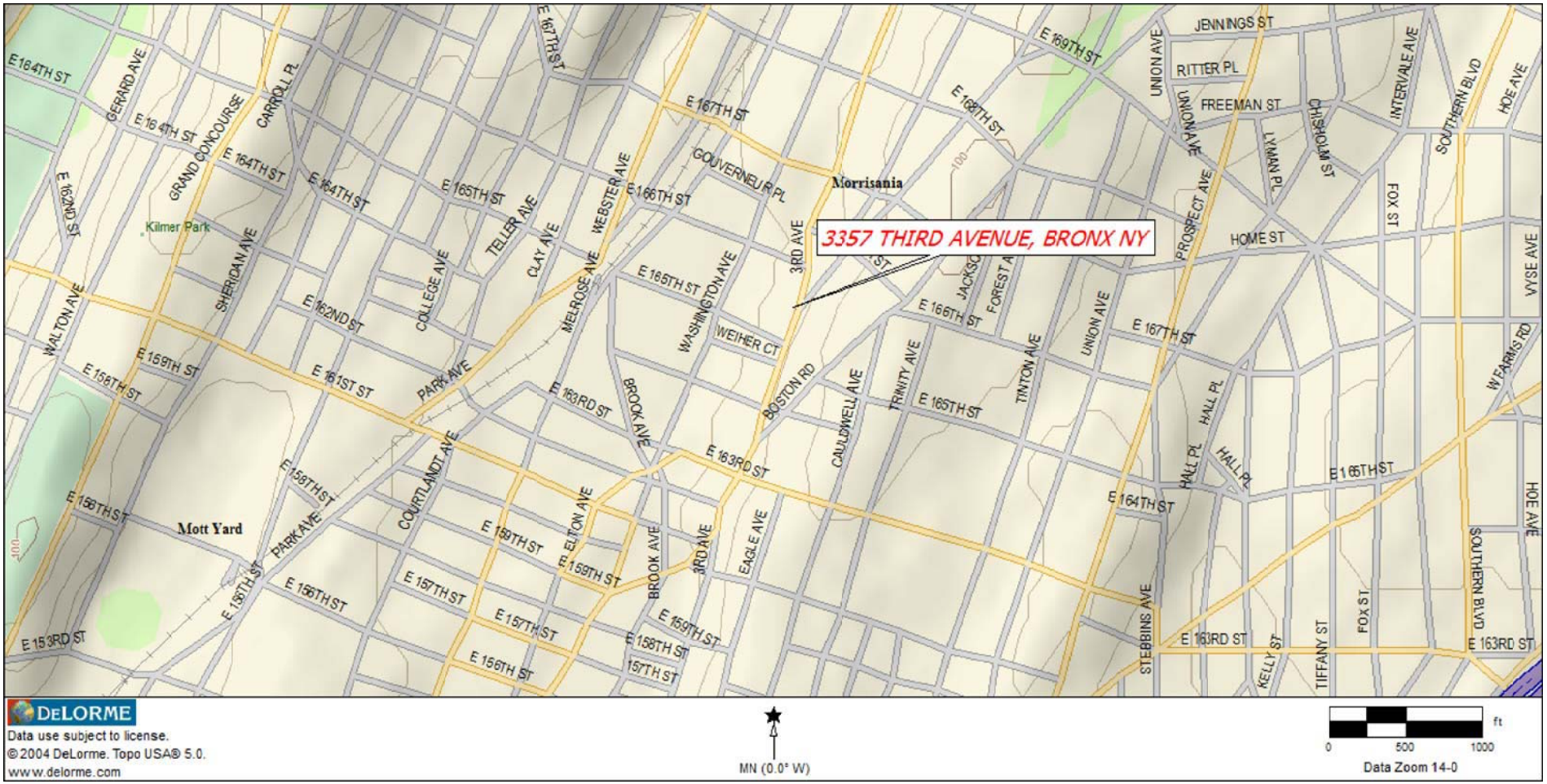
## 5.5 Prior Activity

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

## 5.6 Impediments to Remedial Action

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

# FIGURES




**HYDRO TECH ENVIRONMENTAL CORP.**

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

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

www.hydrotechenvironmental.com

*3357 & 3361 3rd Avenue*
*Bronx, NY*
*HTE Job# 130027*

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 02/05/13
Scale: AS NOTED

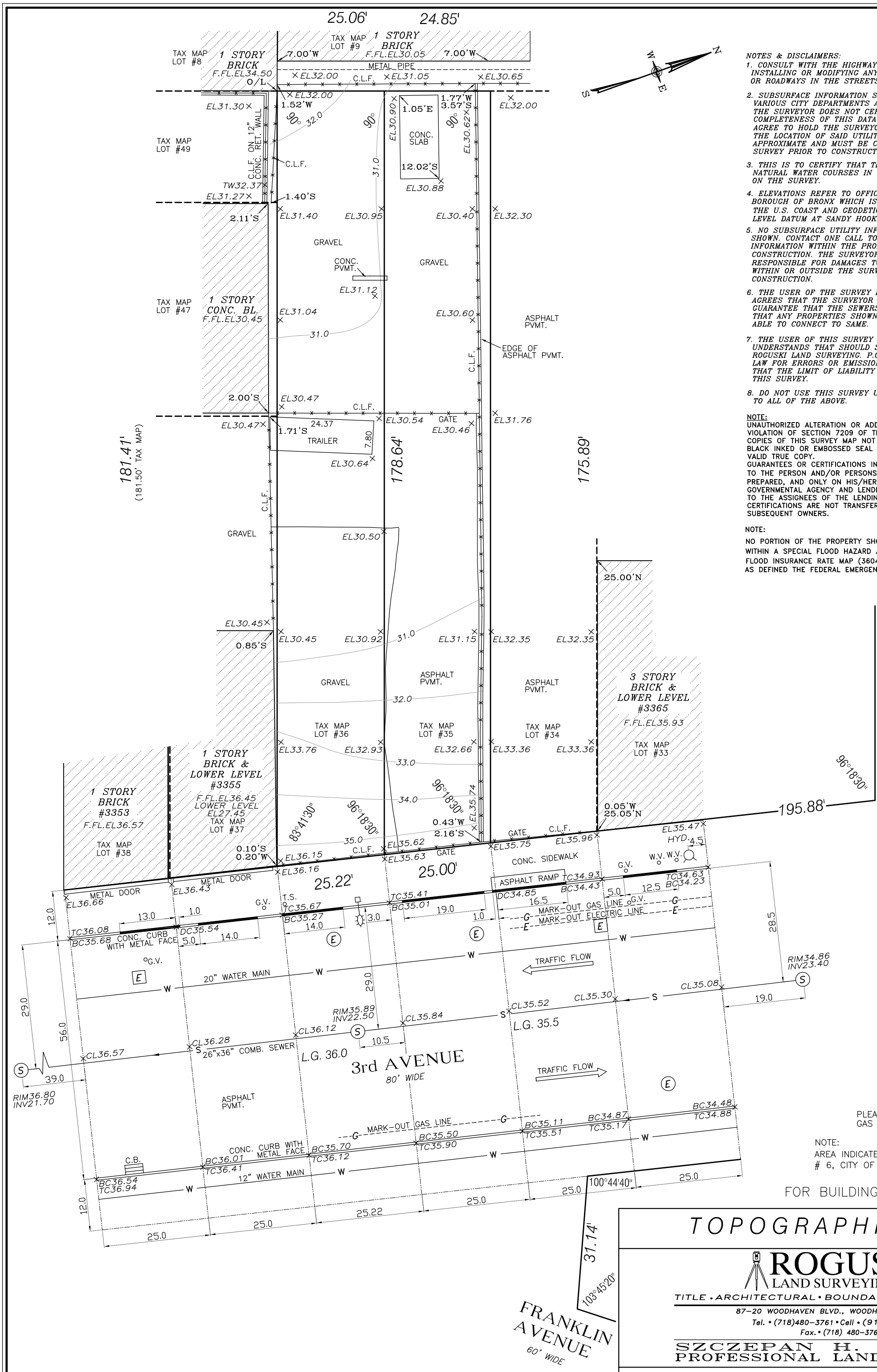
TITLE:

*FIGURE 1: SITE LOCATION MAP*

# FIGURE 2

# SITE BOUNDARY MAP

Job No. RLS131820

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LOT #35 AREA IS 4405.0 sq.ft.
LOT #36 AREA IS 4512.7 sq.ft.
TOTAL LOTS AREA IS 8917.7 sq.ft.

PLEASE CONTACT APPROPRIATE UTILITY FOR GAS AND ELECTRIC MAIN INFORMATION

NOTE:
AREA INDICATED IS SHOWN ON FINAL SECTION MAP # 6, CITY OF NEW YORK, BOROUGH OF BRONX.

FOR BUILDING DEPARTMENT USE ONLY

# TOPOGRAPHIC SURVEY


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TITLE • ARCHITECTURAL • BOUNDARY • CONSTRUCTION
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Tel. • (718)480-3761 • Cell • (917)561-0579 •
Fax. • (718) 480-3762 •
SZCZEPAN H. ROGUSKI
PROFESSIONAL LAND SURVEYOR


LOCATED AT:
3357, 3361 3rd Avenue
Borough and County of Bronx
City and State of New York

TAX DESIG: Block 2370 Lots 35, 36

CERTIFIED TO:
Amandine Di Santo
Director of Real Estate Development
& Marketing & Sales
Strategic Development & Construction Group

DATE: February 6, 2013
UPDATE: February 13, 2013
SCALE: 1"=20'

STATE OF NEW YORK · SZCZEPAN H. ROGUSKI · EXCELSIOR · 050775 · LICENSED LAND SURVEYOR

LEGEND:

| | | | |
|---|---|---|---|
| CATCH BASIN. | C.B. | | |
| TREE DIAMETER. | 3' | | |
| UTILITY POLE. | | | |
| VALVES. | GAS G.V. WATER W.V. METAL VELVE M.V. | | |
| OVERHEAD SERVICE WIRES. | O.H.S.W. | | |
| CURB AND CURB CUT. | | | |
| MANHOLES. | SEWER (S) GAS (G) WATER (W) ELECTRIC (E) | | |
| TRAFFIC SIGN — T.S., | CELLAR ENTRANCE — C.E., | PARKING METER — P.M. | |
| CHAIN LINK FENCE — C.L.F., | PLATFORM — PLT., | PAVEMENT — PVMT., | |
| METAL COVER — M.C. | METAL DOOR — M.D. | TRAFFIC LIGHT — T.L. | |
| AIR CONDITIONER — A.C. | BAY WINDOW — B.W. | AREA WAY — A.W. | |
| METAL GRATE — M.G. | EARHEN GROUND — E.G. | METAL FENCE — M.F. | |

| | | | |
|---|---|---|---|
| EXISTING ELEVATION. | EL 43.54 | TOP OF CURB | TC 43.54 |
| BOTTOM OF CURB | BC 43.53 | DROP CURB | DC 43.54 |
| CENTER LINE OF STREET | CL 43.54 | LEGAL GRADES. | L.G.43.60 |
| ELECTRIC | E | | |
| GAS | G | | |
| TELEPHONE | T | | |
| SEWER | S | | |
| WATER | W | | |
| FIRE HYDRANT. | HYD. | | |

# FIGURE 3

# PROPOSED REDEVELOPMENT PLAN

JAMES McCULLAR
ARCHITECTURE, PC
44 WEST 28th STREET, 5th FLOOR
NEW YORK, NEW YORK 10001
TEL 212 206 0622

**SUPPORTIVE HOUSING**
3361 Third Avenue, Block 2370... Lots 35 & 36, Bronx, NY 10456
Schematic Design February 25, 2013

**Design Approach**
The proposed Supportive Housing is located on a narrow (49.91-ft) but deep (181.41-ft) site that is lower than street level. The design adapts to the site to provide a seven story, U shaped building organized around an inner courtyard. Front and rear pavilions are connected by an elevator / stair lobby than overlook the south facing courtyard. The lower site and absence of rock near the surface allows for a full Cellar level that opens to the inner courtyard and rear yard for accessible open space. The cellar floor is set back from adjacent buildings to avoid underpinning.

**The First Floor** contains the Lobby, resident seating and mailroom, 5 Studio units and the Super's unit. The Security Office faces the entrance vestibule and overlooks the Lobby and street. Studio units overlook the courtyard and rear yard.

**Floors 2-7** contain 57 Studio units. The floors are accessed from a central elevator /stair lobby that overlooks the courtyard. The 7th Floor front setback is planned as a green roof with indoor / outdoor seating areas.

**Typical Studio Units** contain living/sleeping/ dining areas that vary from 157 SF to 197 SF; bathrooms; clothes and linen closets; and kitchenettes with range, microwave, refrigerator, and pantry broom closet. Large windows will enhance the sense of space and light within the units.

**The Lower Level** is accessed from the elevator / stair lobby that opens the courtyard and extends to the rear yard and a street access stair. Building services, including a trash lift, are located at the street front for utility access. Common and Social Service areas are organized around the courtyard with access the rear yard. The lobby area forms a gallery for resident art exhibits.

Common Spaces
- Multi-Purpose Room
  - TV lounge
  - Café area with warming kitchen
  - Library & computer stations
- Laundry Room
- Restrooms (2)
- Storage Room
- Bicycle Storage

Social Services Offices
- Director's Office
- Conference Room
- Office area with 5 desk cubicles, file storage and copier
- Staff warming kitchen & restroom

Open Space
- Inner Courtyard (900 SF) with outdoor seating and social events
- Rear Yard (2,600 SF) with resident vegetable gardens and seating areas

PROFESSIONAL ARCHITECT
JAMES Mc CULLAR
No. 10521
UNIVERSITY OF THE STATE OF NEW YORK

James McCullar

JAMES McCULLAR
ARCHITECTURE, PC
44 WEST 28th STREET, 5th FLOOR
NEW YORK, NEW YORK 10001
TEL 212 206 0622

**SUPPORTIVE HOUSING**
3361 Third Avenue, Block 2370... Lots 35 & 36, Bronx, NY 10456
Schematic Design February 25 2013

**PROJECT DATA**

Lot Area 8,916.42 SF

| Floor | Apartment Distribution | | | | | Floor Areas | |
|---|---|---|---|---|---|---|---|
| | Studio Units | | | 1BR | Total | Zoning FA | Gross FA |
| | Adaptable | Usable | A/V | Super | Units | | |
| Cellar | - | | - | | | - | 4,498.2 SF* |
| First | 2 | 1 | 2 | 6 | | 4,557.6 SF | 4,734.6 SF |
| 2nd | 9 | 1 | - | 10 | | 4,486.6 SF | 4734.6 SF |
| 3rd | 9 | 1 | - | 10 | | 4,486.6 SF | 4,734.6 SF |
| 4th | 9 | 1 | - | 10 | | 4,486.6 SF | 4,734.6 SF |
| 5th | 10 | | - | 10 | | 4,486.6 SF | 4,734.6 SF |
| 6th | 10 | - | - | 10 | | 4,486.6 SF | 4,734.6 SF |
| 7th | 7 | - | - | 7 | | 3,643.5 SF | 3,852.5 SF |
| Bulkhead | | | | | | | 495 S* |
| Totals | 56 | 4 | 2 | 63 | | 30,633.1 SF | 37,252.3 S |

Zoning FA after mechanical deductions
UFAS Units: 5% Usable / 2% AV (Audio & Visual Impaired)

| | |
|---|---|
| Gross Floor Area /DU | 591.3 SF |
| Open Space: | |
| Inner Court | 900 SF |
| Rear Yard | 2,600 SF |

**ZONING SUMMARY**
MX-7 (M1-1 / R7-2) District Article XII Chapter 3 / Wide Street
Use Group 3 Supportive Housing

| | |
|---|---|
| ZR 123-63 / 24-111 Maximum FAR | 3.44 |
| Maximum FA: 3.44 x 8,916.42 SF lot area = | 30,672 SF |
| Proposed FA | 30,633.1 SF (OK) |
| ZR 123-64 Lot Coverage | Not Required |
| Proposed | 4,734.6 SF @ 53% |
| ZR 24-641 Inner Court | Minimum 600 SF / 20-ft width |
| Proposed | 1,062 SF / 30-ft (OK) |
| ZR 24-652 Inner Court Minimum distance between windows | Min 20-ft or 1/3 depth of court |
| Proposed | 30-ft (OK) |
| ZR 23-60 Height & Setbacks | |
| Maximum Base Height / Maximum Building Height | 60-ft / 135-ft. |
| Proposed | 60-ft. / 69.83-ft (OK) |
| ZR 23-47 Minimum Rear Yard | 20-ft. |
| Proposed | 57-ft.(OK) |
| ZR 25-25 Parking – Use Groups 3 | None required |
| ZR 25-811 Bike Storage – Use Group 3 | 1 space per 10,000 SF |
| 35,631 SF / 10,000 = | 4 spaces @ 15 SF = 60 SF |

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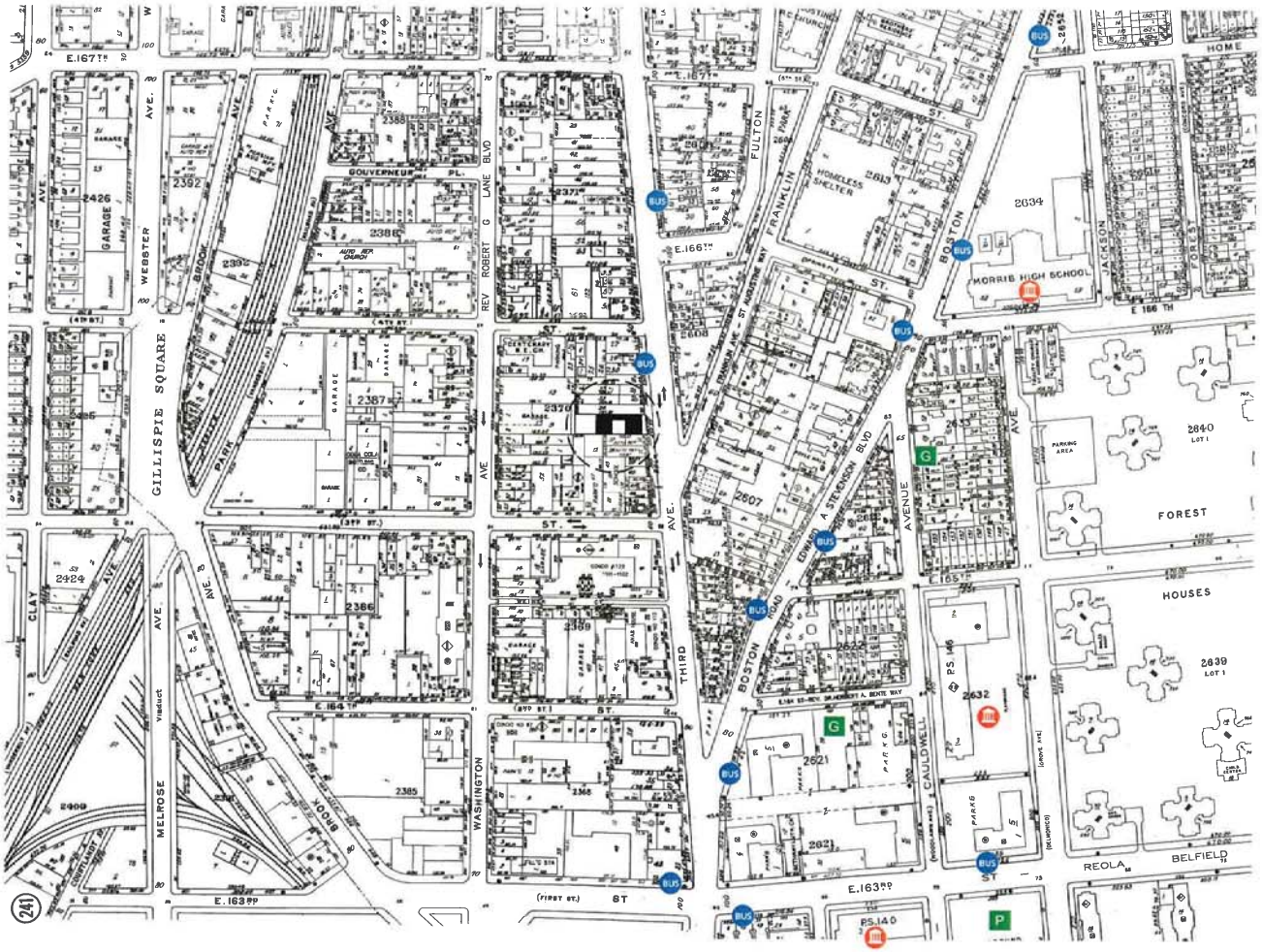


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3361 THIRD AVENUE SUPPORTIVE HOUSING
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SITE LOCATION PLAN

FEBRUARY 25, 2013

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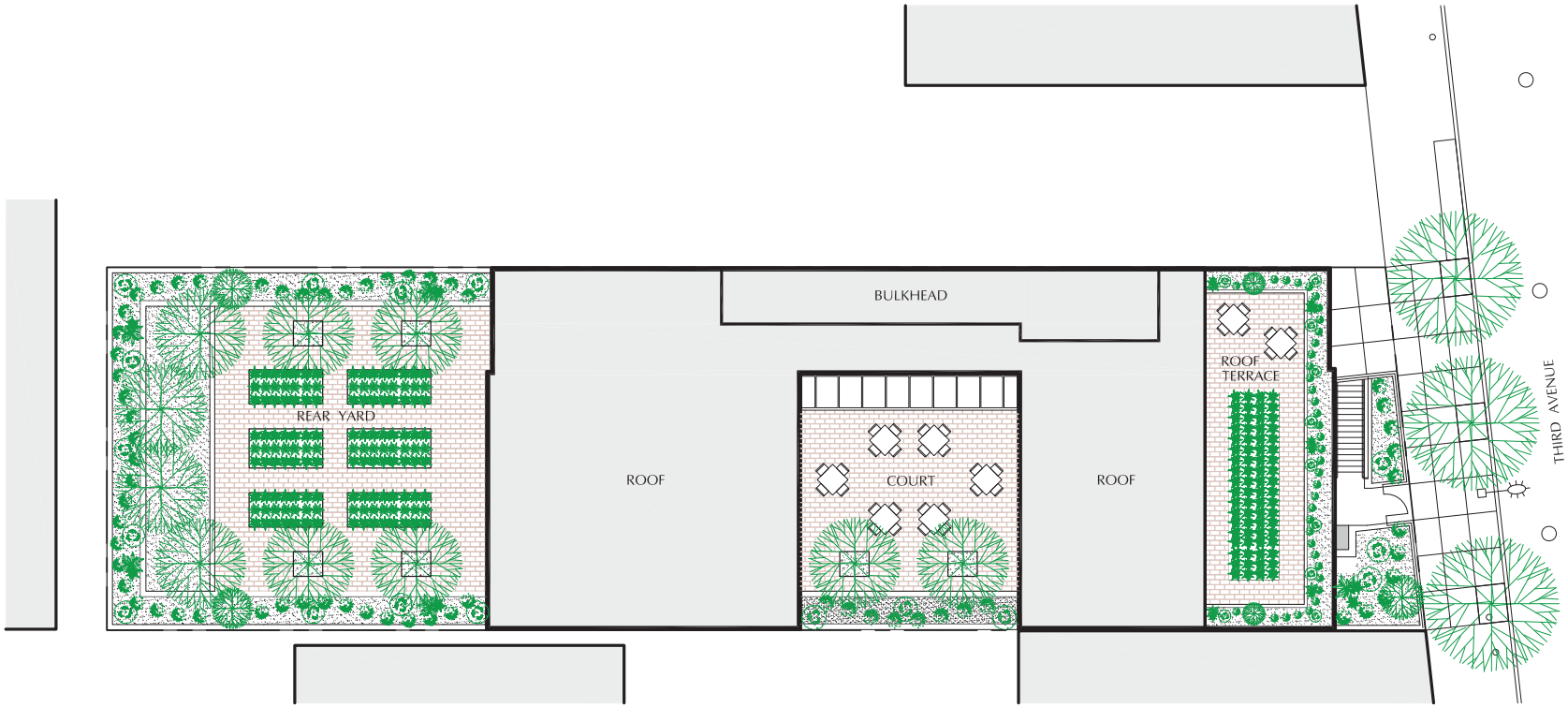


SCALE: 1/16"=1'-0"
0' 4' 8' 16'
NORTH

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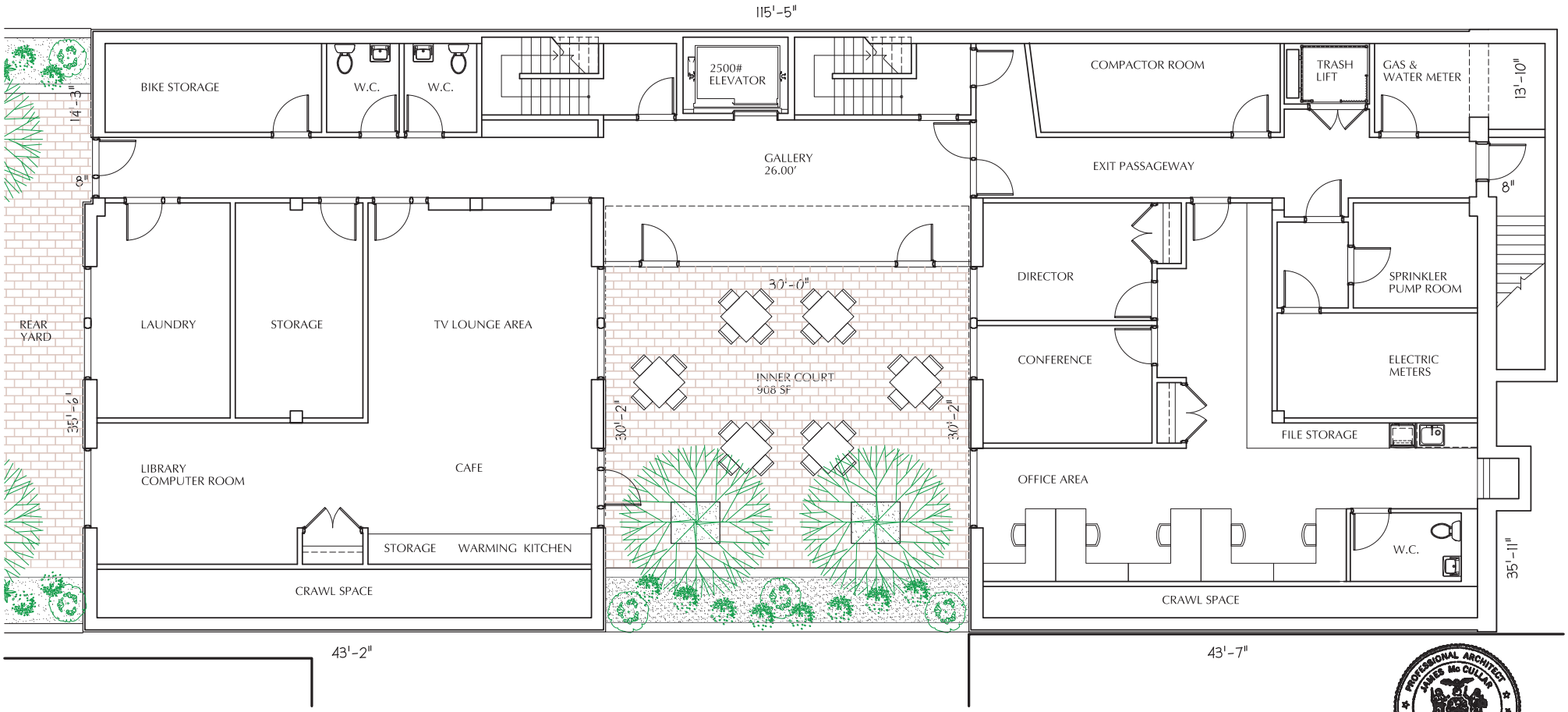
SITE PLAN

FEBRUARY 25, 2013

A–1

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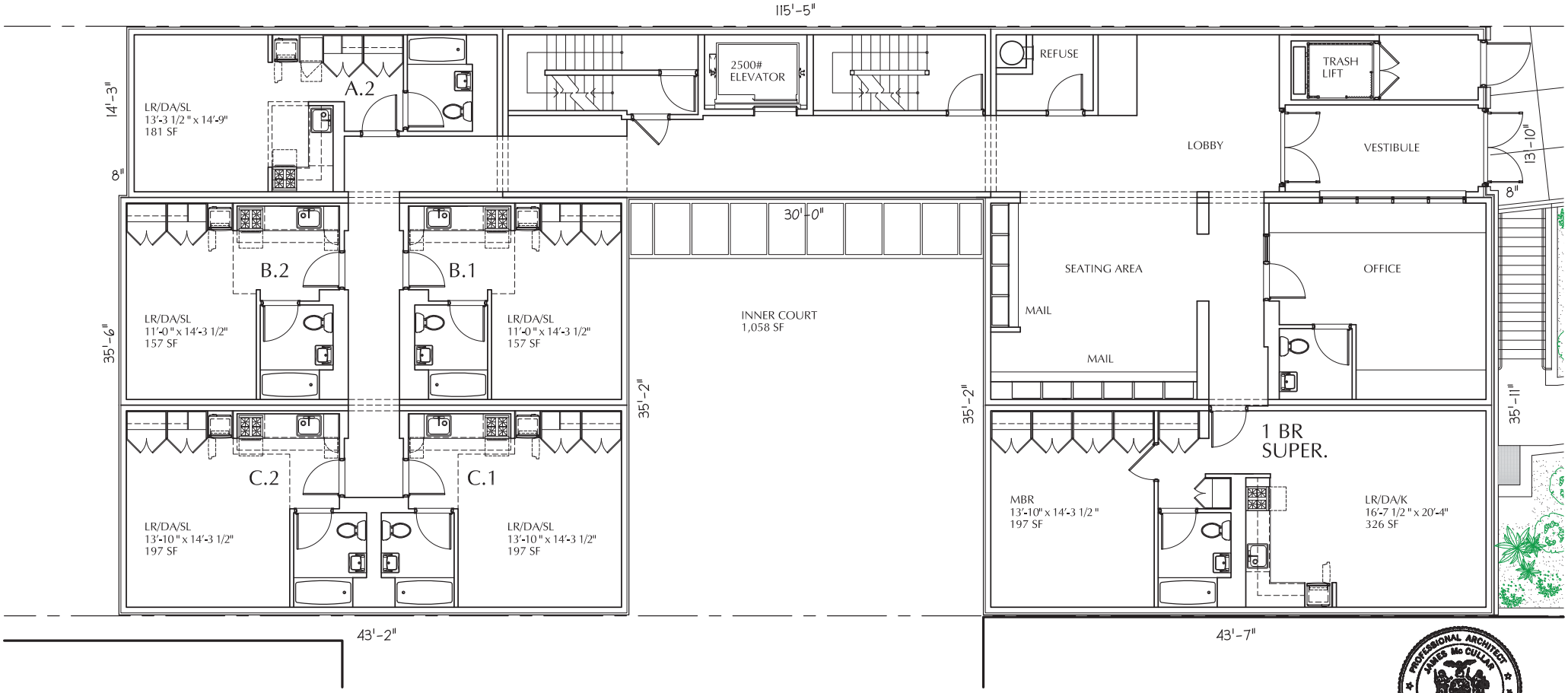
LOWER LEVEL PLAN
GROSS FLOOR AREA: 4,498.13 SF

FEBRUARY 25, 2013

A-2

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0' 2' 4' 8'
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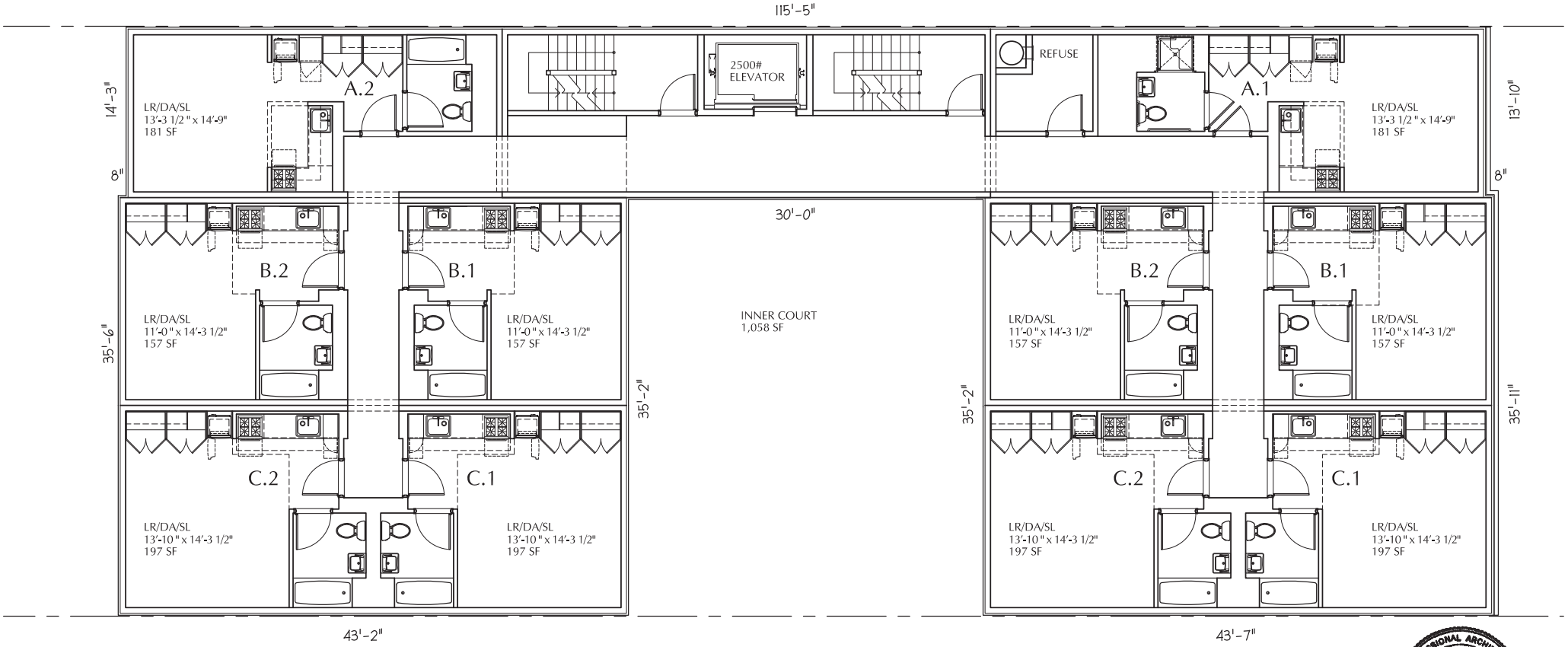
FIRST FLOOR PLAN
GROSS FLOOR AREA: 4,734.59 SF
MECH. DEDUCTIONS: 170 SF
ZONING FLOOR AREA: 4,557.59 SF

FEBRUARY 25, 2013

A-3




SCALE: 1/8"=1'-0"
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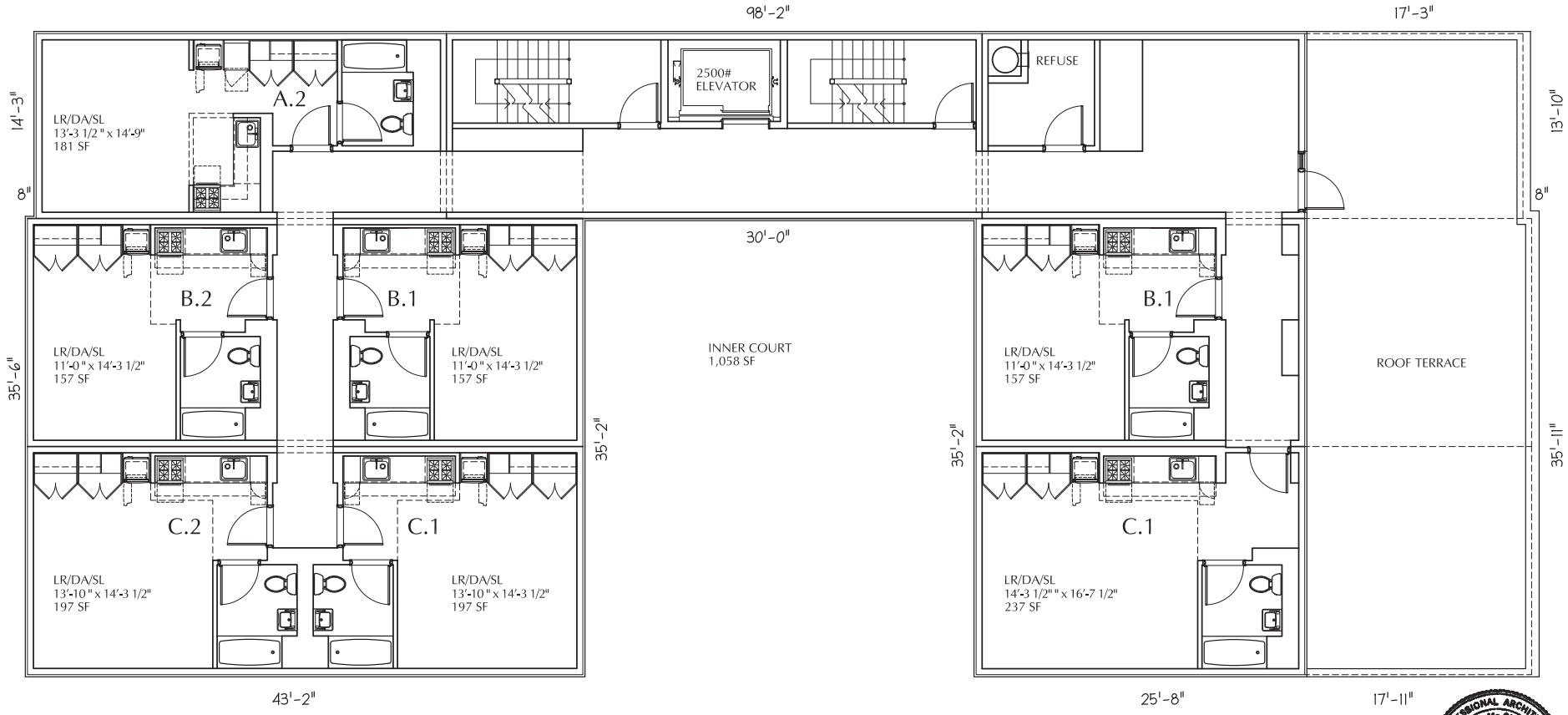
3361 THIRD AVENUE
SUPPORTIVE HOUSING
BRONX, NEW YORK

FLOORS 2-6
GROSS FLOOR AREA: 4,734.59 SF
MECH. DEDUCTIONS: 248 SF
ZONING FLOOR AREA: 4,486.59 SF

FEBRUARY 25, 2013

A-4




SCALE: 1/8"=1'-0"
0' 2' 4' 8'
NORTH

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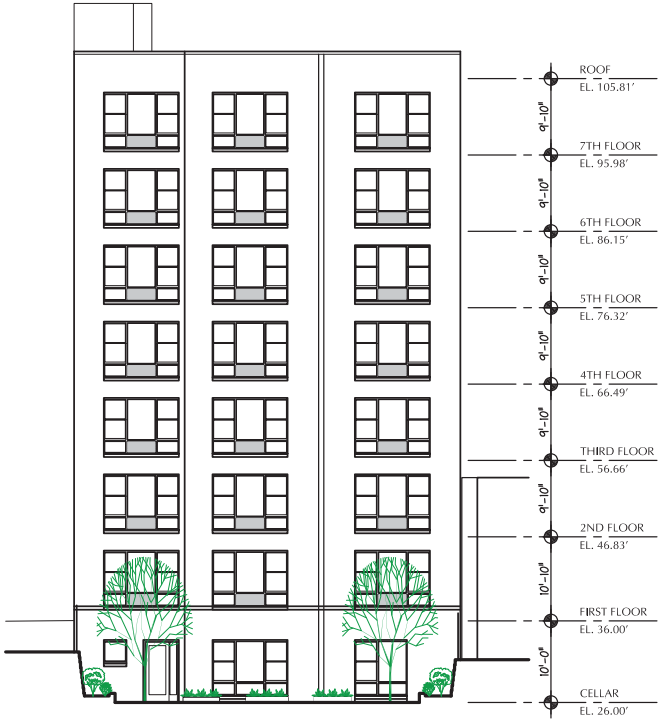
3361 THIRD AVENUE
SUPPORTIVE HOUSING
BRONX, NEW YORK

7TH FLOOR PLAN - PH
GROSS FLOOR AREA: 3,852.46 SF
MECH. DEDUCTIONS: 209 SF
ZONING FLOOR AREA: 3,643.46 SF

FEBRUARY 25, 2013

A–5




REAR ELEVATION

THIRD AVENUE ELEVATION

SCALE: 1/16"=1'-0"
0' 4' 8' 16'

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3361 THIRD AVENUE
SUPPORTIVE HOUSING
BRONX, NEW YORK

ELEVATIONS

FEBRUARY 25, 2013

A-6

SCALE: 1/16"=1'-0"
0' 4' 8' 16'
NORTH

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3361 THIRD AVENUE SUPPORTIVE HOUSING
BRONX, NEW YORK

EAST-WEST SECTION LOOKING NORTH

FEBRUARY 25, 2013

A-7

# FIGURE 4

# LAND-USE MAP

# 3361 3rd avenue, Bronx, NY

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## Legend

### Transit, Roads, Reference Features

Roads, ferries, commuter rail, neighborhood names

- Roads
- Major Roads
- Interstate Highways
- Tunnels
- Neighborhood/Town Labels
- County Boundaries
- Ferry
- Commuter Rail
- NYC subway routes and stations

### Parks, Playgrounds, & Open Space

- Parks & Public Lands
- Forested Areas (NJ)
- Community Gardens
- School property with garden
- Playgrounds
- Green Spaces Along Streets
- Golf Courses
- Baseball/Soccer/Football Fields
- Tennis/Basketball/Handball Courts & Tracks
- Cemeteries

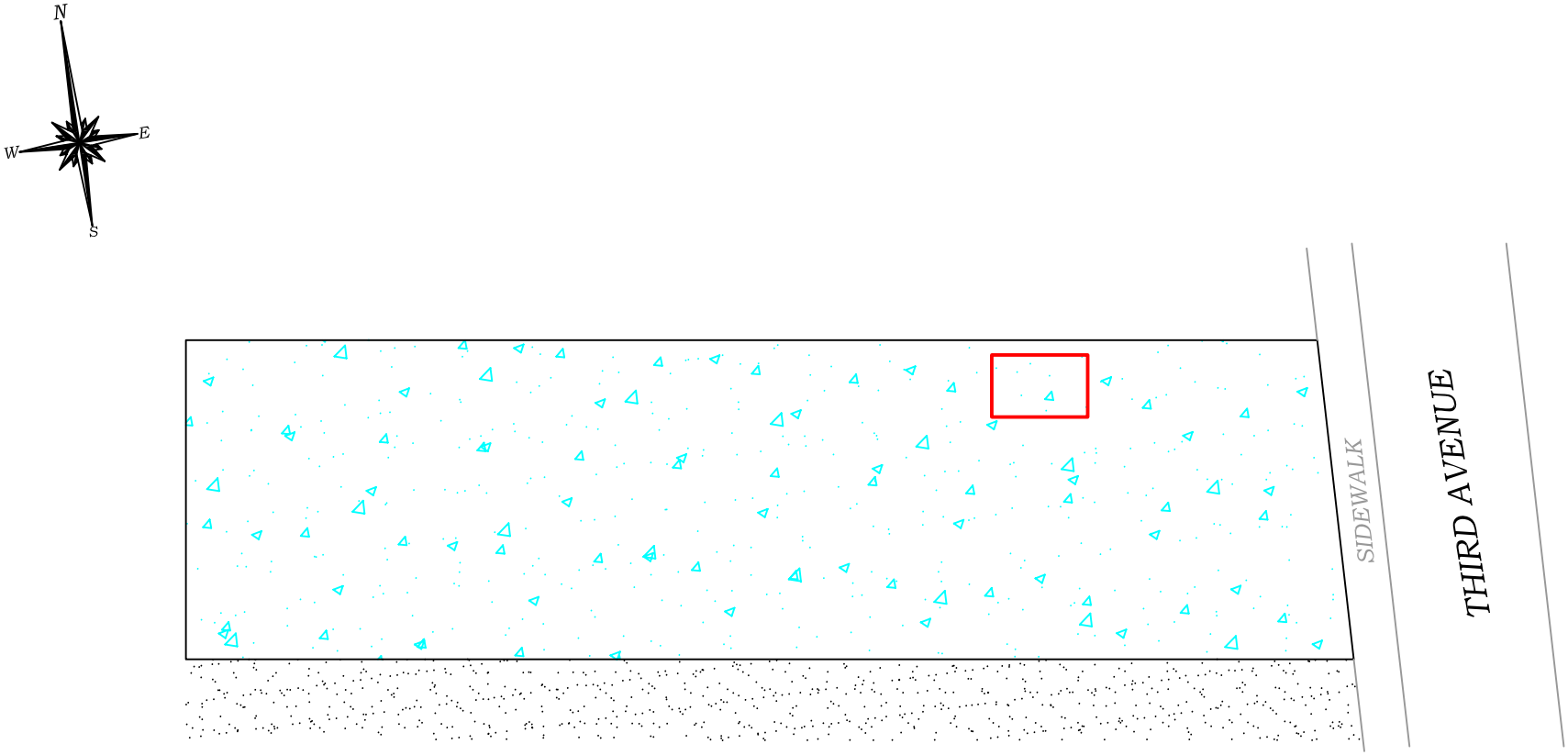
### Land Use

Block/Lot Boundaries

(Building footprints in gray )

- 1 & 2 Family Residential
- Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots

(Not all items in the legend may be visible on the map.)




*LEGEND:*

*ADJACENT HISTORIC AUTO REPAIR FACILITIES*

*HISTORIC FILL MATERIAL*

*SUSPECT UST ANOMALY*

*0' 20' 40'*

*SCALE IN FEET (FT.)*

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Date: 03/11/13
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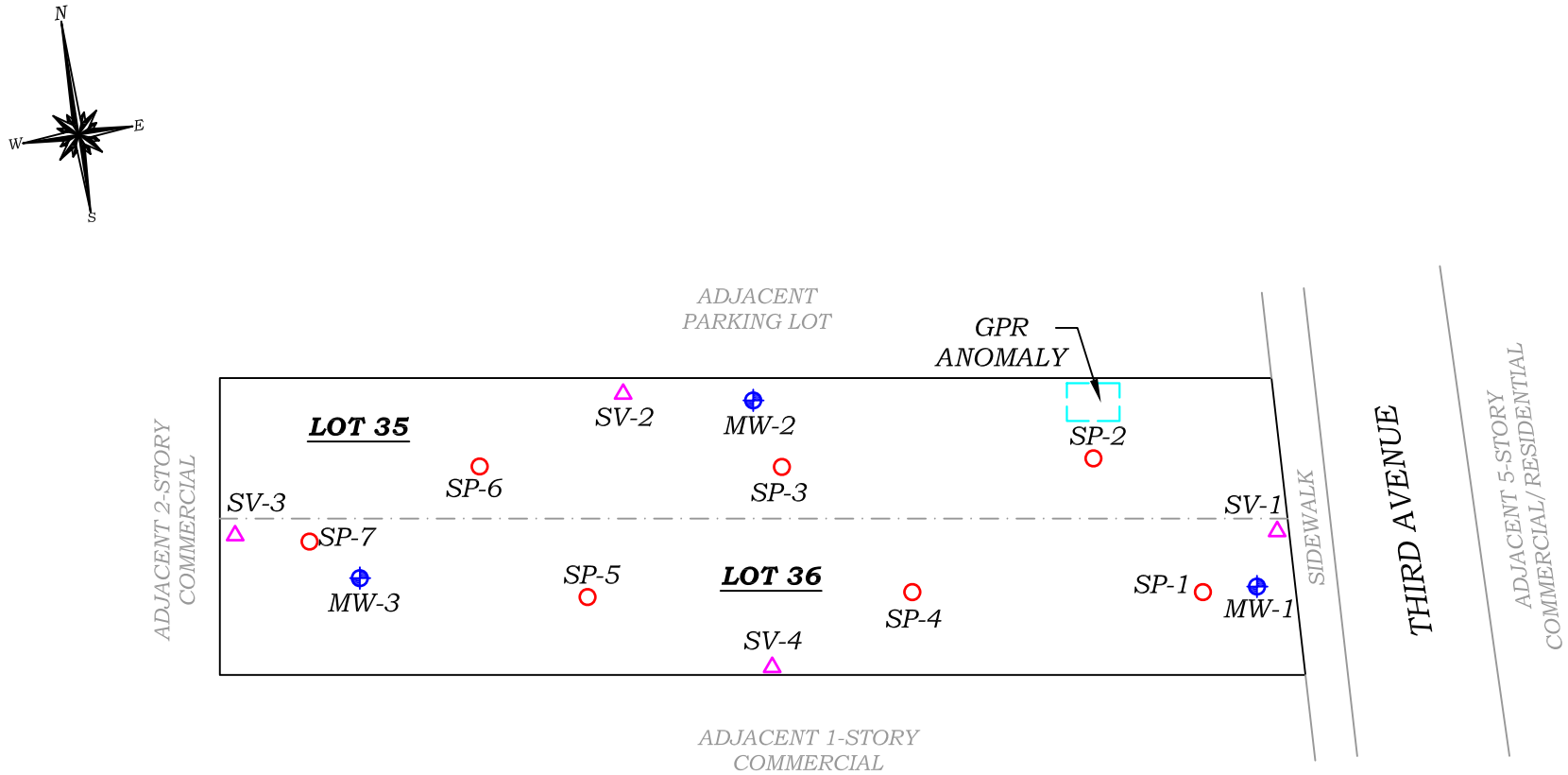
*FIGURE 5: MAP OF AREAS OF CONCERN*




LEGEND:

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

0' 20' 40'

SCALE IN FEET (FT.)


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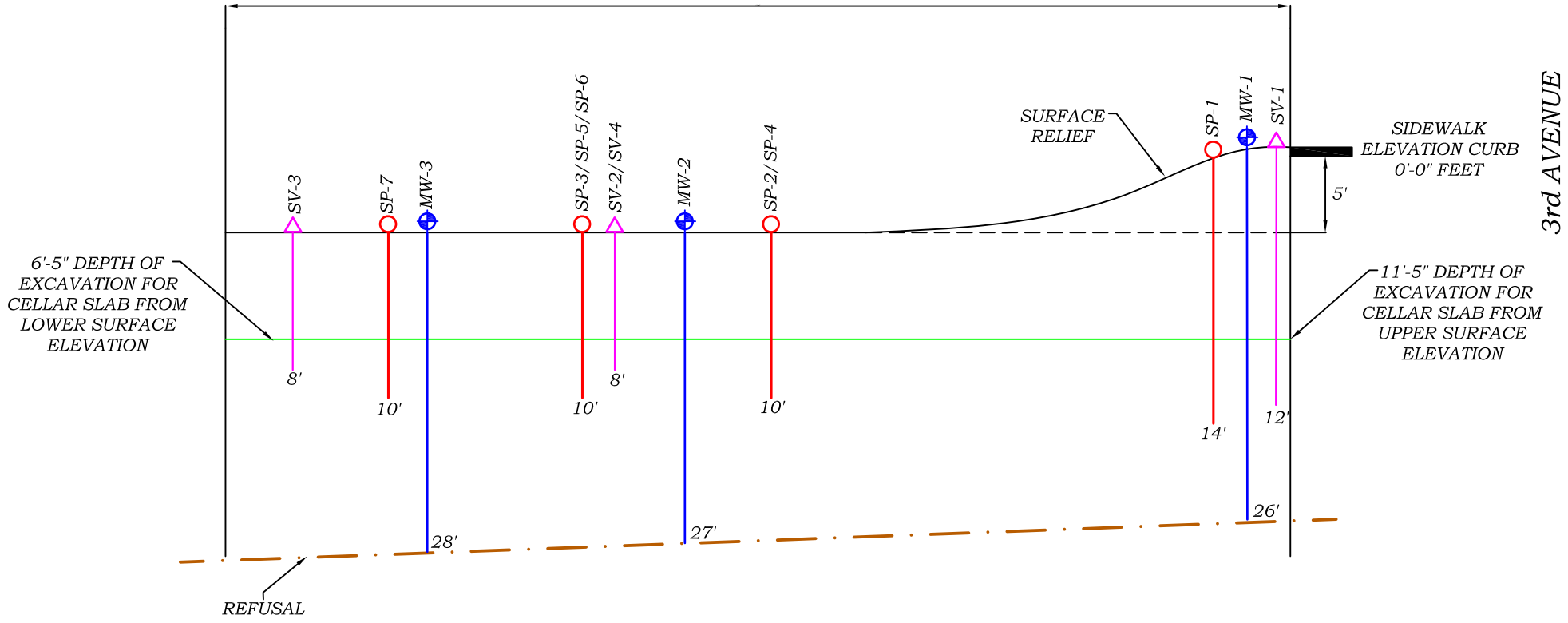
FIGURE 6: LOCATION OF SOIL BORINGS, MONITORING WELLS & SOIL VAPOR SAMPLES




LEGEND:

– – ALL MEASUREMENTS FROM SITE SURFACE ELEVATIONS


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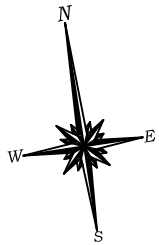
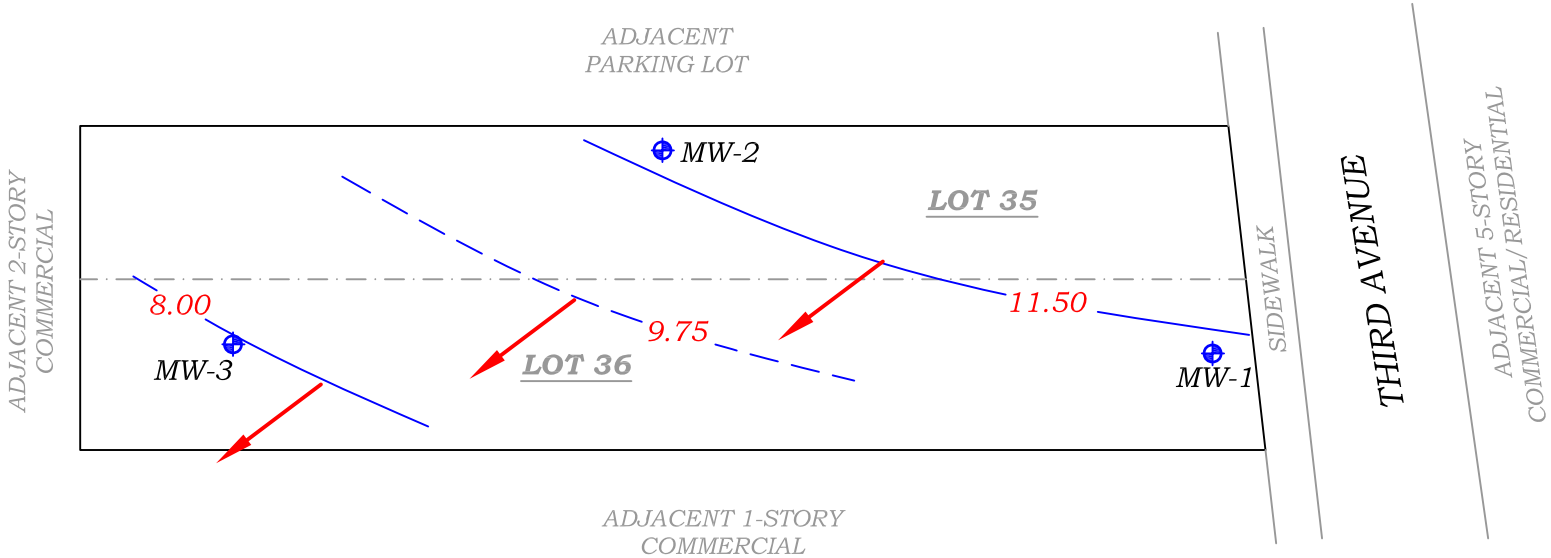
FIGURE 7 : SCHEMATIC CROSS SECTION OF SAMPLING ELEVATIONS & REFUSAL




| C.I. 1.75 FEET | |
|---|---|
| MONITORING WELL ID | GROUNDWATER ELEVATIONS |
| MW-1 | 11.00 |
| MW-2 | 11.88 |
| MW-3 | 8.02 |

LEGEND:

- MONITORING WELL LOCATION (MW)
- CONTOUR LINES
- DASHED WHERE INFERRED
- C.I. CONTOUR INTERVAL

0' 20' 40'

SCALE IN FEET (FT.)


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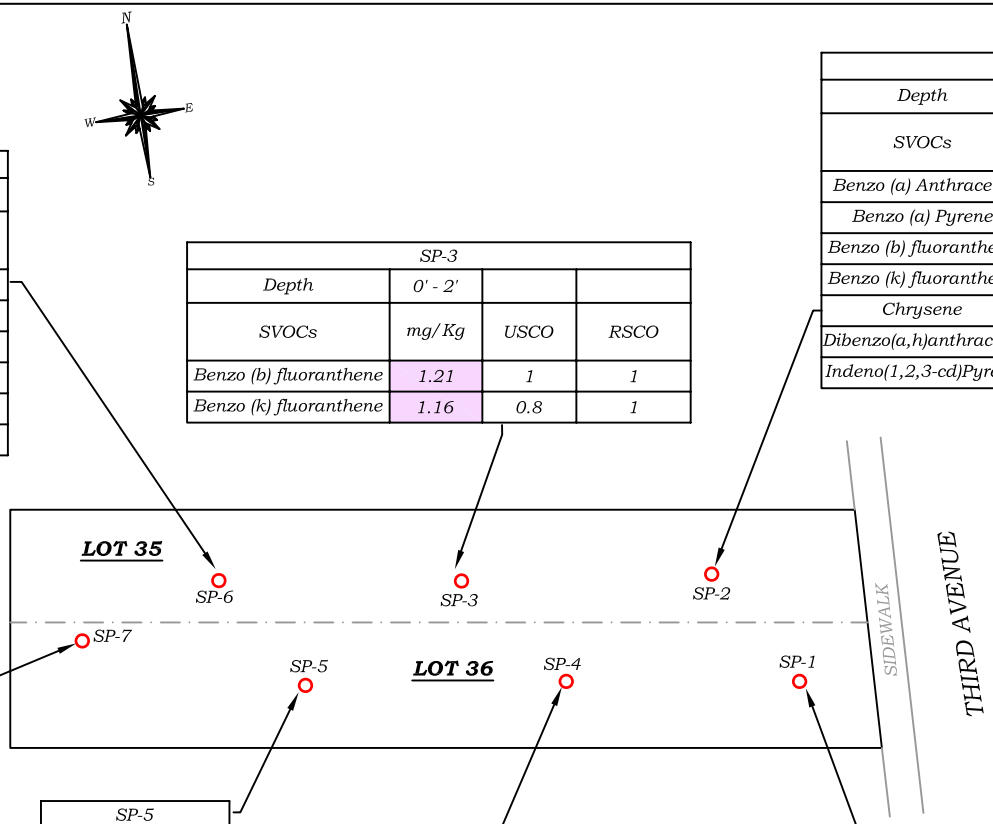
FIGURE 8: GROUNDWATER FLOW MAP




| SP-6 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| SVOCs | mg/Kg | USCO | RSCO |
| Benzo (a) Anthracene | 3.05 | 1 | 1 |
| Benzo (a) Pyrene | 3.47 | 1 | 1 |
| Benzo (b) fluoranthene | 3.22 | 1 | 1 |
| Benzo (k) fluoranthene | 3.92 | 0.8 | 1 |
| Chrysene | 3.31 | 1 | 1 |
| Indeno(1,2,3-cd)Pyrene | 2.18 | 0.5 | 0.5 |

| SP-3 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| SVOCs | mg/Kg | USCO | RSCO |
| Benzo (b) fluoranthene | 1.21 | 1 | 1 |
| Benzo (k) fluoranthene | 1.16 | 0.8 | 1 |

| SP-2 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| SVOCs | mg/Kg | USCO | RSCO |
| Benzo (a) Anthracene | 2.08 | 1 | 1 |
| Benzo (a) Pyrene | 2.71 | 1 | 1 |
| Benzo (b) fluoranthene | 2.25 | 1 | 1 |
| Benzo (k) fluoranthene | 2.61 | 0.8 | 1 |
| Chrysene | 2.37 | 1 | 1 |
| Dibenzo(a,h)anthracene | 0.44 | 0.33 | 0.33 |
| Indeno(1,2,3-cd)Pyrene | 0.92 | 0.5 | 0.5 |

| SP-7 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| SVOCs | mg/Kg | USCO | RSCO |
| Benzo (a) Anthracene | 5.29 | 1 | 1 |
| Benzo (a) Pyrene | 4.51 | 1 | 1 |
| Benzo (b) fluoranthene | 4.31 | 1 | 1 |
| Benzo (k) fluoranthene | 4.17 | 0.8 | 1 |
| Chrysene | 4.38 | 1 | 1 |
| Indeno(1,2,3-cd)Pyrene | 2.37 | 0.5 | 0.5 |

| SP-5 | |
|---|---|
| Depth | 0' - 2' |
| SVOCs | NAS |

| SP-4 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| SVOCs | mg/Kg | USCO | RSCO |
| Chrysene | 1.10 | 1 | 1 |

| SP-1 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| SVOCs | mg/Kg | USCO | RSCO |
| Benzo (a) Anthracene | 2.72 | 1 | 1 |
| Benzo (b) fluoranthene | 2.65 | 1 | 1 |
| Benzo (k) fluoranthene | 2.48 | 0.8 | 1 |
| Chrysene | 2.64 | 1 | 1 |
| Indeno(1,2,3-cd)Pyrene | 1.78 | 0.5 | 0.5 |

LEGEND:

- SOIL PROBE LOCATION (SP)
- SVOC — SEMI VOLATILE ORGANIC COMPOUNDS
- mg/Kg — MILLIGRAMS PER KILOGRAM
- NAS — NONE ABOVE STANDARDS
- RSCO — RESTRICTED SOIL CLEANUP OBJECTIVES
- USCO — UNRESTRICTED SOIL CLEANUP OBJECTIVES
- SHADED VALUES EXCEED RSCO

0' 20' 40'
SCALE IN FEET (FT.)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Approved By: M.S
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Scale: AS NOTED

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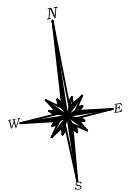
FIGURE 9: MAP OF SVOCs IN SHALLOW SOIL

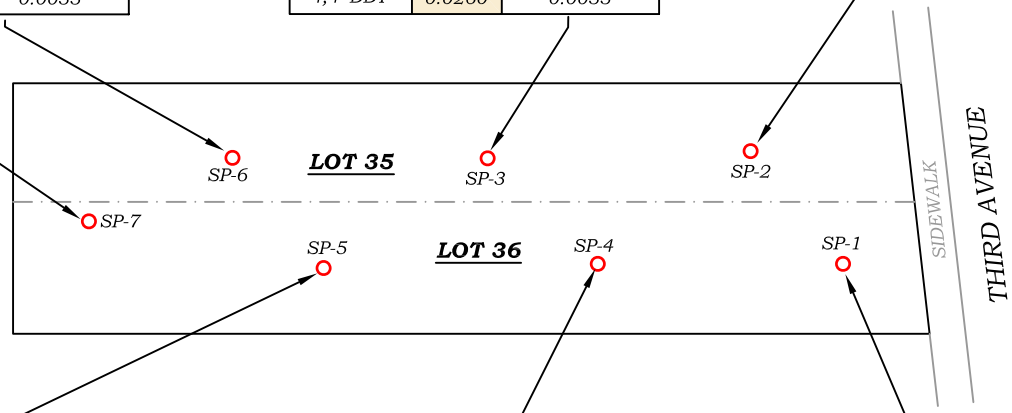



| SP-6 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDD | 0.0131 | 0.0033 |
| 4,4'-DDE | 0.0170 | 0.0033 |
| 4,4'-DDT | 0.0645 | 0.0033 |

| SP-3 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDD | 0.676 | 0.0033 |
| 4,4'-DDE | 0.135 | 0.0033 |
| 4,4'-DDT | 0.0260 | 0.0033 |

| SP-2 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDD | 0.00346 | 0.0033 |
| 4,4'-DDE | 0.00717 | 0.0033 |
| 4,4'-DDT | 0.0254 | 0.0033 |

| SP-7 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDD | 0.00641 | 0.0033 |
| 4,4'-DDE | 0.00992 | 0.0033 |
| 4,4'-DDT | 0.0407 | 0.0033 |




| SP-5 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDE | 0.00423 | 0.0033 |
| 4,4'-DDT | 0.0146 | 0.0033 |

| SP-4 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDD | 0.0168 | 0.0033 |
| 4,4'-DDE | 0.0128 | 0.0033 |
| 4,4'-DDT | 0.0391 | 0.0033 |

| SP-1 | | |
|---|---|---|
| Depth | 0' - 2' | |
| PESTICIDES | mg/Kg | USCO |
| 4,4'-DDE | 0.00662 | 0.0033 |
| 4,4'-DDT | 0.0126 | 0.0033 |

LEGEND:

- SOIL PROBE LOCATION (SP)
- mg/Kg — MILLIGRAMS PER KILOGRAM
- USCO — UNRESTRICTED SOIL CLEANUP OBJECTIVES
- SHADED VALUES EXCEED UNRESTRICTED USCO

0' 20' 40'
SCALE IN FEET (FT.)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T (718)636-0800 F (718)636-0900

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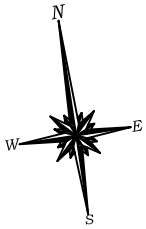
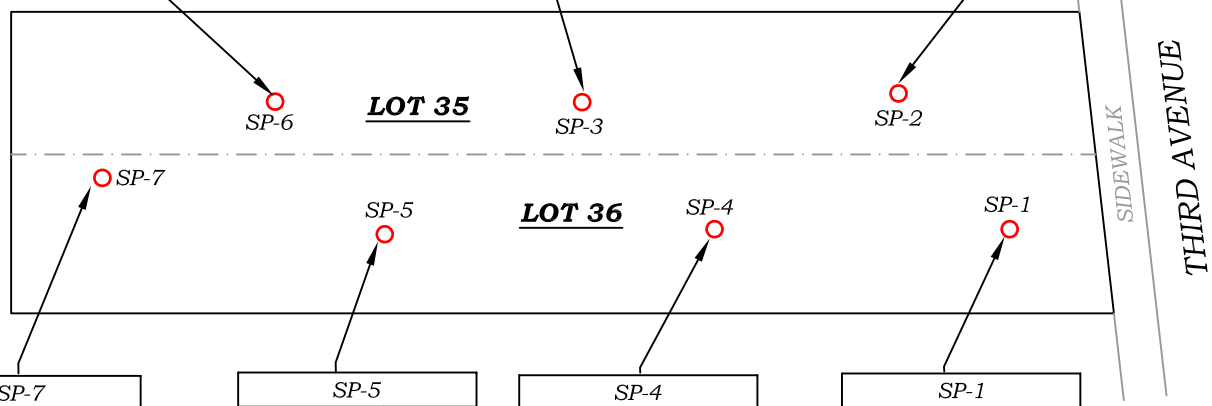
FIGURE 10: MAP OF PESTICIDES IN SHALLOW SOIL




| SP-6 | |
|---|---|
| Depth | 0' - 2' |
| Total PCBs | ND |

| SP-3 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| | mg/Kg | USCO | RSCO |
| Total PCBs | 1.39 | 0.1 | 1 |

| SP-2 | |
|---|---|
| Depth | 0' - 2' |
| Total PCBs | ND |




| SP-7 | |
|---|---|
| Depth | 0' - 2' |
| Total PCBs | NAS |

| SP-5 | |
|---|---|
| Depth | 0' - 2' |
| Total PCBs | ND |

| SP-4 | |
|---|---|
| Depth | 0' - 2' |
| Total PCBs | ND |

| SP-1 | |
|---|---|
| Depth | 0' - 2' |
| Total PCBs | ND |

LEGEND:

| | |
|---|---|
| ○ | SOIL PROBE LOCATION (SP) |
| mg/Kg | MILLIGRAMS PER KILOGRAM |
| USCO | UNRESTRICTED USE SOIL CLEANUP OBJECTIVES |
| RSCO | RESTRICTED USE SOIL CLEANUP OBJECTIVES |
| NAS | NONE ABOVE STANDARDS |
| ND | NONE DETECTED |
| ▭ | SHADED VALUES EXCEED RESTRICTED RSCO |

0' 20' 40'

SCALE IN FEET (FT.)


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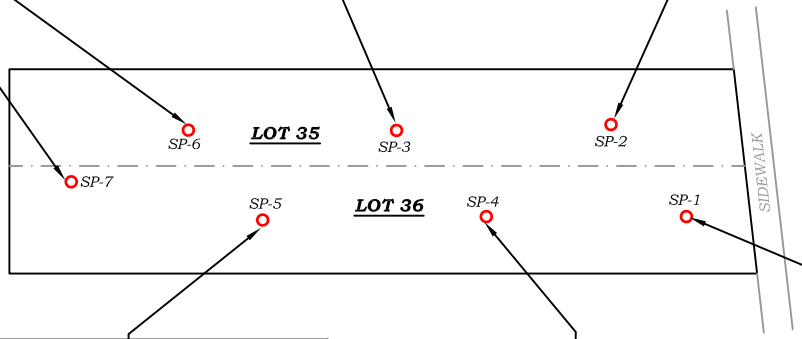
FIGURE 11 : MAP OF PCBs IN SHALLOW SOIL

| SP-6 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Copper | 198 | 50 | 270 |
| Lead | 673 | 63 | 400 |
| Mercury | 0.241 | 0.18 | 0.81 |
| Selenium | 4.47 | 3.9 | 36 |
| Zinc | 1,030 | 109 | 2,200 |

| SP-3 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Arsenic | 41.5 | 13 | 13 |
| Barium | 942 | 350 | 250 |
| Chromium, Trivalent | 35.7 | 30 | 36 |
| Copper | 177 | 50 | 270 |
| Lead | 936 | 63 | 400 |
| Mercury | 0.253 | 0.18 | 0.81 |
| Nickel | 36.6 | 30 | 140 |
| Selenium | 12.1 | 3.9 | 36 |
| Zinc | 907 | 109 | 2,200 |

| SP-2 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Barium | 542 | 350 | 250 |
| Chromium, Trivalent | 32.3 | 30 | 36 |
| Copper | 111 | 50 | 270 |
| Lead | 598 | 63 | 400 |
| Zinc | 511 | 109 | 2,200 |

| SP-7 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Barium | 584 | 350 | 250 |
| Copper | 112 | 50 | 270 |
| Lead | 1,190 | 63 | 400 |
| Mercury | 0.278 | 0.18 | 0.81 |
| Nickel | 36.1 | 30 | 140 |
| Selenium | 5.99 | 3.9 | 36 |
| Zinc | 996 | 109 | 2,200 |




| SP-5 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Barium | 595 | 350 | 250 |
| Copper | 120 | 50 | 270 |
| Lead | 534 | 63 | 400 |
| Mercury | 0.251 | 0.18 | 0.81 |
| Nickel | 43.4 | 30 | 140 |
| Selenium | 5.78 | 3.9 | 36 |
| Zinc | 923 | 109 | 2,200 |

| SP-4 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Barium | 1,130 | 350 | 250 |
| Chromium, Trivalent | 69.7 | 30 | 36 |
| Copper | 6,090 | 50 | 270 |
| Lead | 2,110 | 63 | 400 |
| Nickel | 45.7 | 30 | 140 |
| Selenium | 5.05 | 3.9 | 36 |
| Zinc | 1,310 | 109 | 2,200 |

| SP-1 | | | |
|---|---|---|---|
| Depth | 0' - 2' | | |
| METALS | mg/Kg | USCO | RSCO |
| Arsenic | 20.0 | 13 | 13 |
| Barium | 1,800 | 350 | 250 |
| Cadmium | 5.62 | 2.5 | 2.5 |
| Chromium, Trivalent | 36.9 | 30 | 36 |
| Copper | 285 | 50 | 270 |
| Lead | 2,440 | 63 | 400 |
| Nickel | 33.8 | 30 | 140 |
| Selenium | 5.22 | 3.9 | 36 |
| Zinc | 2,800 | 109 | 2,200 |

LEGEND:

- SOIL PROBE LOCATION (SP)
- mg/Kg — MILLIGRAMS PER KILOGRAM
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO — RESTRICTED USE SOIL CLEANUP OBJECTIVES
- PINK SHADED VALUES EXCEED RSCO
- YELLOW SHADED VALUES EXCEED USCO

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


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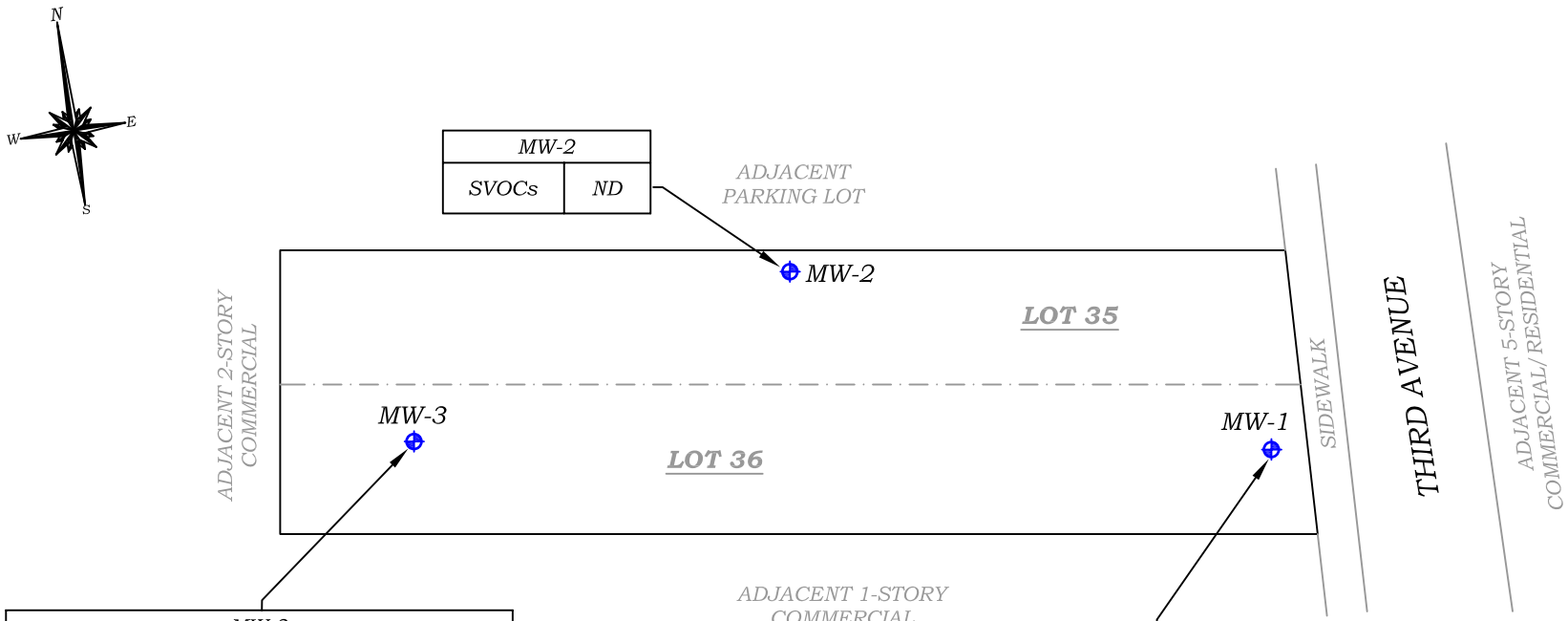
FIGURE 12: MAP OF METALS IN SHALLOW SOIL




| MW-3 | | |
|---|---|---|
| SVOCs | µg/L | GQS |
| Bis(2-ethylhexyl)phthalate | 22.20 | 5 |

LEGEND:

| | |
|---|---|
| ⊕ | MONITORING WELL LOCATION (MW) |
| SVOC | SEMI VOLATILE ORGANIC COMPOUND |
| µg/L | MICROGRAMS PER LITER |
| GQS | GROUNDWATER QUALITY STANDARD |
| ▭ | SHADED VALUES EXCEED GQS |
| ND | NONE DETECTED |

0' 20' 40'

SCALE IN FEET (FT.)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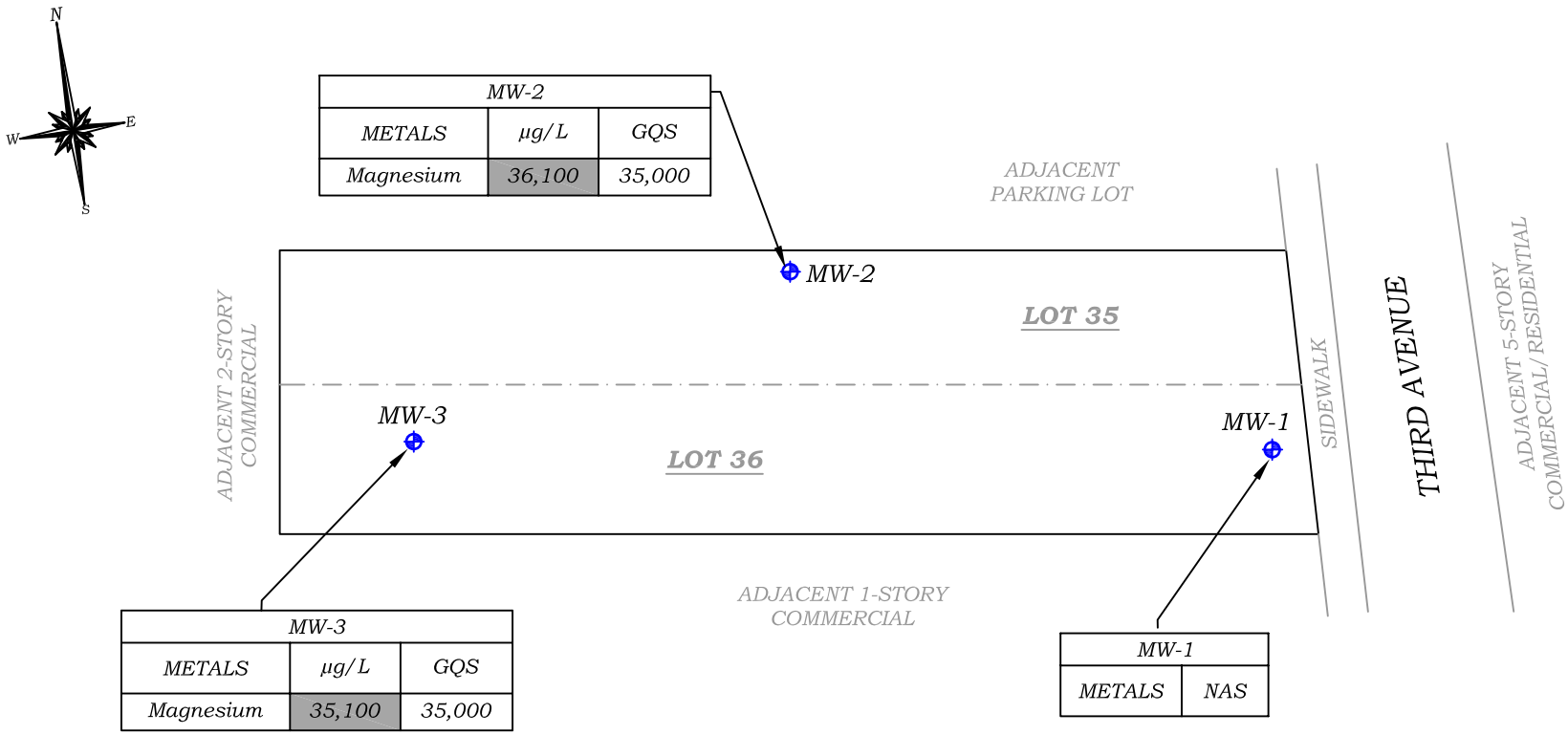
TITLE:

FIGURE 13: MAP OF SVOCs IN GROUNDWATER




LEGEND:

| | |
|---|---|
| ⊕ | MONITORING WELL LOCATION (MW) |
| µg/L | MICROGRAMS PER LITER |
| GQS | GROUNDWATER QUALITY STANDARD |
| ▬ | SHADED VALUES EXCEED GQS |
| NAS | NONE ABOVE STANDARDS |

0' 20' 40'

SCALE IN FEET (FT.)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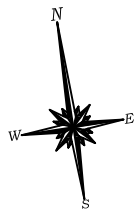
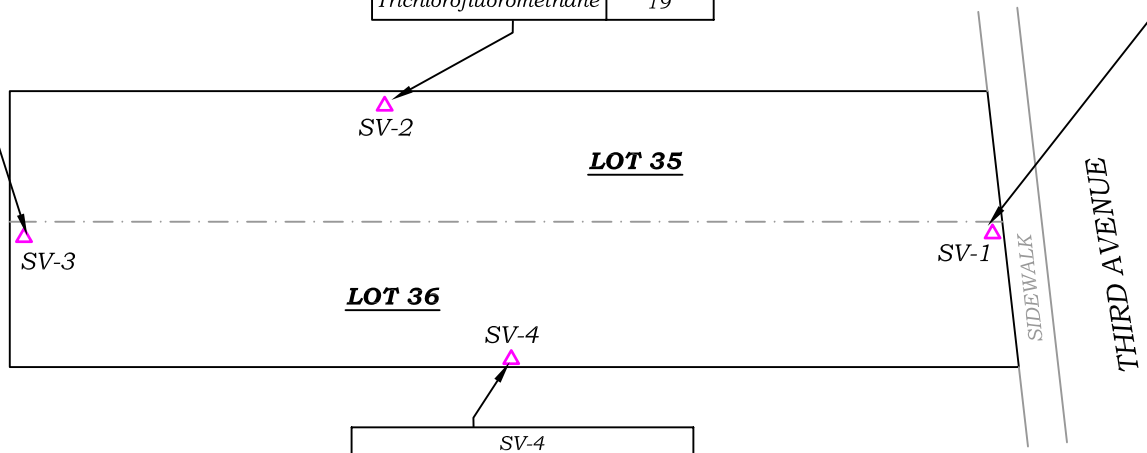
TITLE:

FIGURE 14: MAP OF DISSOLVED METALS IN GROUNDWATER




| SV-2 | |
|---|---|
| VOCs | µg/m³ |
| 1,1,1-Trichloroethane | 29 |
| 1,2,4-Trimethylbenzene | 41 |
| 1,3,5-Trimethylbenzene | 16 |
| Acetone | 290 |
| Carbon disulfide | 6.9 |
| Chloroform | 14 |
| Ethyl benzene | 23 |
| Methylene chloride | 17 |
| o-Xylenes | 33 |
| p- & m- Xylenes | 77 |
| Tetracholorethylene | 61 |
| Toluene | 74 |
| Trichlorofluoromethane | 19 |

| SV-3 | |
|---|---|
| VOCs | µg/m³ |
| 1,2,4-Trimethylbenzene | 29 |
| Acetone | 250 |
| Ethyl benzene | 19 |
| Methylene chloride | 20 |
| o-Xylenes | 25 |
| p- & m- Xylenes | 60 |
| Tetracholorethylene | 32 |
| Toluene | 71 |




| SV-1 | |
|---|---|
| VOCs | µg/m³ |
| 1,2,4-Trimethylbenzene | 27 |
| 1,3,5-Trimethylbenzene | 14 |
| Acetone | 130 |
| Chloroform | 17 |
| Ethyl benzene | 17 |
| Methylene chloride | 14 |
| o-Xylenes | 25 |
| p- & m- Xylenes | 51 |
| Toluene | 35 |

| SV-4 | |
|---|---|
| VOCs | µg/m³ |
| 1,2,4-Trimethylbenzene | 15 |
| Acetone | 110 |
| Chloroform | 62 |
| Ethyl benzene | 12 |
| Methylene chloride | 14 |
| o-Xylenes | 15 |
| p- & m- Xylenes | 36 |
| Toluene | 50 |

LEGEND:

△ SOIL VAPOR IMPLANTS (SV)

VOC VOLATILE ORGANIC COMPOUNDS

µg/m³ MICROGRAMS PER CUBIC METER

0' 20' 40'

SCALE IN FEET (FT.)


HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com


3357 & 3361 3rd Avenue
Bronx, NY
HTE Job# 130027

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 03/11/13
Scale: AS NOTED

TITLE:

FIGURE 15: MAP OF SOIL VAPORS

# TABLES

**Table 1**

**Groundwater Monitoring and Surveying Details**

**3357-3361 3rd Avenue, Bronx, New York**

| Monitoring Well (MW) | 2/21/2013 | | | | |
|---|---|---|---|---|---|
| | Casing Elevation (Feet) | Depth to Water (Feet) | Benchmark | Groundwater Elevation (Feet) | Depth to Product |
| MW-1 | 1.49 | 17.51 | 30 | 11 | ND |
| MW-2 | 4.6 | 13.52 | 30 | 11.88 | ND |
| MW-3 | 4.75 | 17.23 | 30 | 8.02 | ND |

*ND…None Detected*

**Table 2**

**Shallow Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 0-2ft | | SP-2 0-2ft | | SP-3 0-2ft | | SP-4 0-2ft | | SP-5 0-2ft | | SP-6 0-2ft | | SP-7 0-2ft | | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/19/2013 | | 2/19/2013 | | 2/18/2013 | | 2/19/2013 | | 2/18/2013 | | 2/18/2013 | | 2/18/2013 | | | |
| Matrix | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | | |
| Units | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/Kg | mg/Kg |
| *Volatile Organics, 8260 List* | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,1,1-Trichloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.68 | 100 |
| 1,1,2,2-Tetrachloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,1,2-Trichloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,1-Dichloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.27 | 19 |
| 1,1-Dichloroethylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.33 | 100 |
| 1,1-Dichloropropylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,2,3-Trichlorobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,2,3-Trichloropropane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,2,4-Trichlorobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,2,4-Trimethylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 3.6 | 47 |
| 1,2-Dibromo-3-chloropropane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,2-Dibromoethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,2-Dichlorobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 1.1 | 100 |
| 1,2-Dichloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.02 | 2.3 |
| 1,2-Dichloropropane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,3,5-Trimethylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 8.4 | 47 |
| 1,3-Dichlorobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 2.4 | 17 |
| 1,3-Dichloropropane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 1,4-Dichlorobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 1.8 | 9.8 |
| 1,4-Dioxane | <0.015 | U | <0.012 | U | <0.014 | U | <0.014 | U | <0.016 | U | <0.018 | U | <0.012 | U | 0.1 | 9.8 |
| 2,2-Dichloropropane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 2-Butanone | <0.0029 | U | <0.0023 | U | <0.0089 | J | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.12 | 100 |
| 2-Chlorotoluene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| 4-Chlorotoluene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Acetone | <0.0029 | U | <0.0023 | U | <0.0027 | | **0.012** | | **0.0058** | **J** | <0.0035 | U | <0.0024 | U | 0.05 | 100 |
| Benzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.06 | 2.9 |
| Bromobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Bromochloromethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Bromodichloromethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Bromoform | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Bromomethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Carbon tetrachloride | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.76 | 1.4 |
| Chlorobenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 1.1 | 100 |
| Chloroethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Chloroform | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.37 | 10 |
| Chloromethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| cis-1,2-Dichloroethylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.25 | 59 |
| cis-1,3-Dichloropropylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Dibromochloromethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Dibromomethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Dichlorodifluoromethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Ethyl Benzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 1 | 30 |

**Table 2 (Cont.)**

**Shallow Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 0-2ft | | SP-2 0-2ft | | SP-3 0-2ft | | SP-4 0-2ft | | SP-5 0-2ft | | SP-6 0-2ft | | SP-7 0-2ft | | Unrestricted SCO | Restricted SCO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Volatile Organics, 8260 List*** | | | | | | | | | | | | | | | | |
| Hexachlorobutadiene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Isopropylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Methyl tert-butyl ether (MTBE) | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.93 | 62 |
| Methylene chloride | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.05 | 51 |
| n-Butylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 12 | 100 |
| n-Propylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 3.9 | 100 |
| Naphthalene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 12 | 100 |
| p-Isopropyltoluene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| sec-Butylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 11 | 100 |
| Styrene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| tert-Butylbenzene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 5.9 | 100 |
| Tetrachloroethylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 1.3 | 5.5 |
| Toluene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.7 | 100 |
| trans-1,2-Dichloroethylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.19 | 100 |
| trans-1,3-Dichloropropylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Trichloroethylene | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.47 | 10 |
| Trichlorofluoromethane | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Vinyl acetate | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | NS | NS |
| Vinyl Chloride | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.02 | 0.21 |
| Xylenes, Total | <0.0029 | U | <0.0023 | U | <0.0027 | U | <0.0026 | U | <0.0030 | U | <0.0035 | U | <0.0024 | U | 0.26 | 100 |
| ***Semi-Volatiles, 8270 Target List*** | | | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | <0.728 | U | <0.344 | U | <0.0764 | U | <0.0721 | U | <0.0757 | U | <0.728 | U | <1.46 | U | NS | NS |
| 1,2-Dichlorobenzene | <1.32 | U | <0.622 | U | <0.138 | U | <0.130 | U | <0.137 | U | <1.32 | U | <2.63 | U | 1.1 | 100 |
| 1,3-Dichlorobenzene | <0.636 | U | <0.300 | U | <0.0667 | U | <0.0629 | U | <0.0661 | U | <0.636 | U | <1.27 | U | 2.4 | 17 |
| 1,4-Dichlorobenzene | <1.24 | U | <0.586 | U | <0.130 | U | <0.123 | U | <0.129 | U | <1.24 | U | <2.48 | U | 1.8 | 9.8 |
| 2,4,5-Trichlorophenol | <1.56 | U | <0.738 | U | <0.164 | U | <0.155 | U | <0.162 | U | <1.56 | U | <3.13 | U | NS | NS |
| 2,4,6-Trichlorophenol | <1.02 | U | <0.483 | U | <0.107 | U | <0.101 | U | <0.106 | U | <1.02 | U | <2.05 | U | NS | NS |
| 2,4-Dichlorophenol | <1.64 | U | <0.776 | U | <0.172 | U | <0.163 | U | <0.171 | U | <1.64 | U | <3.29 | U | NS | NS |
| 2,4-Dimethylphenol | <1.41 | U | <0.665 | U | <0.148 | U | <0.139 | U | <0.146 | U | <1.41 | U | <2.82 | U | NS | NS |
| 2,4-Dinitrophenol | <1.69 | U | <0.798 | U | <0.177 | U | <0.167 | U | <0.176 | U | <1.69 | U | <3.38 | U | NS | NS |
| 2,4-Dinitrotoluene | <0.889 | U | <0.420 | U | <0.0933 | U | <0.0880 | U | <0.0925 | U | <0.889 | U | <1.78 | U | NS | NS |
| 2,6-Dinitrotoluene | <1.03 | U | <0.489 | U | <0.109 | U | <0.102 | U | <0.108 | U | <1.03 | U | <2.07 | U | NS | NS |
| 2-Chloronaphthalene | <1.09 | U | <0.513 | U | <0.114 | U | <0.108 | U | <0.113 | U | <1.09 | U | <2.18 | U | NS | NS |
| 2-Chlorophenol | <0.664 | U | <0.314 | U | <0.0697 | U | <0.0657 | U | <0.0690 | U | <0.664 | U | <1.33 | U | NS | NS |
| 2-Methylnaphthalene | <1.54 | U | <0.730 | U | <0.162 | U | <0.153 | U | <0.161 | U | <1.55 | U | <3.09 | U | NS | NS |
| 2-Methylphenol | <0.764 | U | <0.361 | U | <0.0802 | U | <0.0757 | U | <0.0795 | U | <0.765 | U | <1.53 | U | 0.33 | 100 |
| 2-Nitroaniline | <1.75 | U | <0.829 | U | <0.184 | U | <0.174 | U | <0.182 | U | <1.75 | U | <3.51 | U | NS | NS |
| 2-Nitrophenol | <0.547 | U | <0.259 | U | <0.0574 | U | <0.0542 | U | <0.0569 | U | <0.547 | U | <1.10 | U | NS | NS |
| 3,3'-Dichlorobenzidine | <1.05 | U | <0.498 | U | <0.111 | U | <0.104 | U | <0.110 | U | <1.05 | U | <2.11 | U | NS | NS |
| 3- & 4-Methylphenols | <0.873 | U | <0.413 | U | <0.0916 | U | <0.0864 | U | <0.0908 | U | <0.873 | U | <1.75 | U | NS | NS |
| 3-Nitroaniline | <2.00 | U | <0.945 | U | <0.210 | U | <0.198 | U | <0.208 | U | <2.00 | U | <4.00 | U | NS | NS |
| 4,6-Dinitro-2-methylphenol | <2.53 | U | <1.20 | U | <0.266 | U | <0.251 | U | <0.264 | U | <2.54 | U | <5.08 | U | NS | NS |
| 4-Bromophenyl phenyl ether | <0.970 | U | <0.458 | U | <0.102 | U | <0.0960 | U | <0.101 | U | <0.970 | U | <1.94 | U | NS | NS |
| 4-Chloro-3-methylphenol | <1.36 | U | <0.641 | U | <0.142 | U | <0.134 | U | <0.141 | U | <1.36 | U | <2.72 | U | NS | NS |
| 4-Chloroaniline | <0.523 | U | <0.247 | U | <0.0549 | U | <0.0518 | U | <0.0544 | U | <0.523 | U | <1.05 | U | NS | NS |
| 4-Chlorophenyl phenyl ether | <1.18 | U | <0.557 | U | <0.124 | U | <0.117 | U | <0.123 | U | <1.18 | U | <2.36 | U | NS | NS |
| 4-Nitroaniline | <0.833 | U | <0.394 | U | <0.0874 | U | <0.0825 | U | <0.0866 | U | <0.833 | U | <1.67 | U | NS | NS |

**Table 2 (Cont.)**

**Shallow Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 0-2ft | | SP-2 0-2ft | | SP-3 0-2ft | | SP-4 0-2ft | | SP-5 0-2ft | | SP-6 0-2ft | | SP-7 0-2ft | | Unrestricted SCO | Restricted SCO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Semi-Volatiles, 8270 Target List*** | | | | | | | | | | | | | | | | |
| 4-Nitrophenol | <0.756 | U | <0.357 | U | <0.0794 | U | <0.0749 | U | <0.0786 | U | <0.757 | U | <1.51 | U | NS | NS |
| Acenaphthene | <0.728 | U | <0.344 | U | <0.0764 | U | <0.0721 | U | <0.0757 | U | <0.728 | U | <1.46 | U | 20 | 100 |
| Acenaphthylene | <0.966 | U | <0.456 | U | <0.122 | J | **0.11** | **J** | <0.100 | U | <0.966 | U | <1.93 | U | 100 | 100 |
| Aniline | <1.15 | U | <0.544 | U | <0.121 | U | <0.114 | U | <0.120 | U | <1.15 | U | <2.30 | U | NS | NS |
| Anthracene | <1.10 | U | <0.519 | U | **0.12** | **J** | **0.17** | **J** | <0.114 | U | <1.10 | U | <2.20 | U | 100 | 100 |
| Benzo(a)anthracene | **2.72** | **D** | **2.08** | **D** | **0.99** | | <1.11 | | **0.65** | | **3.05** | **D** | **5.29** | **D** | 1 | 1 |
| Benzo(a)pyrene | <0.797 | U | **2.71** | **D** | **0.84** | | <0.794 | | **0.59** | | **3.47** | **D** | **4.51** | **D** | 1 | 1 |
| Benzo(b)fluoranthene | **2.65** | **D** | **2.25** | **D** | **1.21** | | <0.795 | | **0.58** | | **3.22** | **D** | **4.31** | **D** | 1 | 1 |
| Benzo(g,h,i)perylene | **1.77** | **J,D** | **0.61** | **J,D** | **0.12** | **J** | <0.0661 | U | **0.08** | **J** | **1.92** | **J,D** | **2.51** | **J,D** | 100 | 100 |
| Benzo(k)fluoranthene | **2.48** | **D** | **2.61** | **D** | **1.16** | | <0.830 | | **0.59** | | **3.92** | **D** | **4.17** | **D** | 0.8 | 1 |
| Benzyl alcohol | <2.01 | U | <0.951 | U | <0.211 | U | <0.199 | U | <0.209 | U | <2.01 | U | <4.03 | U | NS | NS |
| Benzyl butyl phthalate | <1.11 | U | <0.525 | U | <0.117 | U | <0.315 | | <0.115 | U | <1.11 | U | <2.22 | U | NS | NS |
| Bis(2-chloroethoxy)methane | <0.692 | U | <0.327 | U | <0.0726 | U | <0.0685 | U | <0.0720 | U | <0.692 | U | <1.39 | U | NS | NS |
| Bis(2-chloroethyl)ether | <1.03 | U | <0.485 | U | <0.108 | U | <0.102 | U | <0.107 | U | <1.03 | U | <2.05 | U | NS | NS |
| Bis(2-chloroisopropyl)ether | <0.708 | U | <0.335 | U | <0.0743 | U | <0.0701 | U | <0.0736 | U | <0.708 | U | <1.42 | U | NS | NS |
| Bis(2-ethylhexyl)phthalate | **25.80** | **D** | **0.66** | **J,D** | **0.50** | | **0.53** | | <0.144 | U | <1.39 | U | **70.40** | **D** | NS | NS |
| Chrysene | **2.64** | **D** | **2.37** | **D** | **0.96** | | **1.10** | | **0.72** | | **3.31** | **D** | **4.38** | **D** | 1 | 1 |
| Di-n-butyl phthalate | <0.817 | U | **0.46** | **J,D** | **0.14** | **J** | **0.48** | | **1.70** | | <0.817 | U | <1.64 | U | NS | NS |
| Di-n-octyl phthalate | <2.01 | U | <0.951 | U | <0.211 | U | <0.199 | U | <0.209 | U | <2.01 | U | <4.03 | U | NS | NS |
| Dibenzo(a,h)anthracene | <0.809 | U | **0.44** | **J,D** | <0.0849 | U | <0.0801 | U | <0.0841 | U | <0.809 | U | <1.62 | U | 0.33 | 0.33 |
| Dibenzofuran | <0.937 | U | <0.443 | U | <0.0984 | U | <0.0928 | U | <0.0975 | U | <0.938 | U | <1.88 | U | 7 | 14 |
| Diethyl phthalate | <1.26 | U | <0.597 | U | <0.133 | U | <0.125 | U | <0.131 | U | <1.26 | U | <2.53 | U | NS | NS |
| Dimethyl phthalate | <0.897 | U | <0.424 | U | <0.0942 | U | <0.0888 | U | <0.0933 | U | <0.897 | U | <1.80 | U | NS | NS |
| Fluoranthene | **6.43** | **D** | **2.86** | **D** | **1.50** | | **2.35** | | **1.30** | | **6.26** | **D** | **9.49** | **D** | 100 | 100 |
| Fluorene | <0.966 | U | <0.456 | U | <0.101 | U | <0.0956 | U | <0.100 | U | <0.966 | U | <1.93 | U | 30 | 100 |
| Hexachlorobenzene | <1.19 | U | <0.561 | U | <0.125 | U | <0.118 | U | <0.123 | U | <1.19 | U | <2.38 | U | 0.33 | 0.33 |
| Hexachlorobutadiene | <0.680 | U | <0.321 | U | <0.0714 | U | <0.0673 | U | <0.0707 | U | <0.680 | U | <1.36 | U | NS | NS |
| Hexachlorocyclopentadiene | <1.50 | U | <0.707 | U | <0.157 | U | <0.148 | U | <0.156 | U | <1.50 | U | <3.00 | U | NS | NS |
| Hexachloroethane | <0.575 | U | <0.272 | U | <0.0604 | U | <0.0570 | U | <0.0598 | U | <0.575 | U | <1.15 | U | NS | NS |
| Indeno(1,2,3-cd)pyrene | **1.78** | **J,D** | **0.92** | **J,D** | <0.153 | J | **0.13** | **J** | **0.11** | **J** | **2.18** | **D** | **2.37** | **J,D** | 0.5 | 0.5 |
| Isophorone | <0.692 | U | <0.327 | U | <0.0726 | U | <0.0685 | U | <0.0720 | U | <0.692 | U | <1.39 | U | NS | NS |
| N-nitroso-di-n-propylamine | <0.672 | U | <0.317 | U | <0.0705 | U | <0.0665 | U | <0.0699 | U | <0.672 | U | <1.35 | U | NS | NS |
| N-Nitrosodimethylamine | <0.825 | U | <0.390 | U | <0.0866 | U | <0.0817 | U | <0.0858 | U | <0.825 | U | <1.65 | U | NS | NS |
| N-Nitrosodiphenylamine | <0.909 | U | <0.430 | U | <0.0954 | U | <0.0900 | U | <0.0945 | U | <0.910 | U | <1.82 | U | NS | NS |
| Naphthalene | <0.495 | U | <0.234 | U | <0.0519 | U | <0.0490 | U | <0.0515 | U | <0.495 | U | <0.991 | U | 12 | 100 |
| Nitrobenzene | <0.591 | U | <0.279 | U | <0.0621 | U | <0.0586 | U | <0.0615 | U | <0.592 | U | <1.18 | U | NS | NS |
| Pentachlorophenol | <1.52 | U | <0.717 | U | <0.159 | U | <0.150 | U | <0.158 | U | <1.52 | U | <3.04 | U | 0.8 | 2.4 |
| Phenanthrene | **3.33** | **D** | **0.87** | **J,D** | **0.46** | | **0.87** | | **0.61** | | **3.77** | **D** | **3.67** | **J,D** | 100 | 100 |
| Phenol | <0.869 | U | <0.411 | U | <0.0912 | U | <0.0860 | U | <0.0904 | U | <0.869 | U | <1.74 | U | 0.33 | 100 |
| Pyrene | **5.31** | **D** | **2.77** | **D** | **1.54** | | **2.19** | | **1.27** | | **5.17** | **D** | **8.02** | **D** | 100 | 100 |
| Pyridine | <1.41 | U | <0.667 | U | <0.148 | U | <0.140 | U | <0.147 | U | <1.41 | U | <2.83 | U | NS | NS |
| Total SVOC | **54.91** | | **21.606** | | **9.55** | | **7.932** | | **8.19** | | **36.27** | | **119.12** | | NS | NS |

**Table 2 (Cont.)**

**Shallow Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 0-2ft | | SP-2 0-2ft | | SP-3 0-2ft | | SP-4 0-2ft | | SP-5 0-2ft | | SP-6 0-2ft | | SP-7 0-2ft | | Unrestricted SCO | Restricted SCO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Pesticides/PCBs, EPA 8081/8082 List*** | | | | | | | | | | | | | | | | |
| 4,4'-DDD | <0.00299 | U | **0.00346** | **D** | **0.676** | **D** | **0.0168** | **D** | <0.00311 | U | **0.0131** | **D** | **0.00641** | **D** | 0.0033 | 2.6 |
| 4,4'-DDE | **0.00662** | **D** | **0.00717** | **D** | **0.135** | **D** | **0.0128** | **D** | **0.00423** | **D** | **0.0170** | **D** | **0.00992** | **D** | 0.0033 | 1.8 |
| 4,4'-DDT | **0.0126** | **D** | **0.0254** | **D** | **0.0260** | **D** | **0.0391** | **D** | **0.0146** | **D** | **0.0645** | **D** | **0.0407** | **D** | 0.0033 | 1.7 |
| Aldrin | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.005 | 0.019 |
| alpha-BHC | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.02 | 0.097 |
| Aroclor 1016 | <0.0308 | U | <0.0291 | U | 0.0323 | U | <0.0305 | U | <0.0320 | U | <0.0308 | U | <0.0308 | U | NS | NS |
| Aroclor 1221 | <0.0308 | U | <0.0291 | U | 0.0323 | U | <0.0305 | U | <0.0320 | U | <0.0308 | U | <0.0308 | U | NS | NS |
| Aroclor 1232 | <0.0308 | U | <0.0291 | U | 0.0323 | U | <0.0305 | U | <0.0320 | U | <0.0308 | U | <0.0308 | U | NS | NS |
| Aroclor 1242 | <0.0308 | U | <0.0291 | U | 0.0323 | U | <0.0305 | U | <0.0320 | U | <0.0308 | U | <0.0308 | U | NS | NS |
| Aroclor 1248 | <0.0308 | U | <0.0291 | U | **1.39** | | <0.0305 | U | <0.0320 | U | <0.0308 | U | <0.0308 | U | NS | NS |
| Aroclor 1254 | <0.0308 | U | <0.0291 | U | 0.0323 | U | <0.0305 | U | <0.0320 | U | <0.0308 | U | <0.0308 | U | NS | NS |
| Aroclor 1260 | <0.0308 | U | <0.0291 | U | 0.0323 | U | <0.0305 | U | <0.0320 | U | <0.0308 | U | **0.0869** | | NS | NS |
| beta-BHC | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.036 | 0.072 |
| Chlordane, total | **0.0151** | **D** | **0.111** | **D** | 0.0125 | U | **0.0314** | **D** | <0.0124 | U | **0.101** | **D** | **0.0272** | **D** | NS | NS |
| delta-BHC | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.04 | 100 |
| Dieldrin | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.005 | 0.039 |
| Endosulfan I | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 2.4 | 4.8 |
| Endosulfan II | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 2.4 | 4.8 |
| Endosulfan sulfate | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 2.4 | 4.8 |
| Endrin | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.014 | 2.2 |
| Endrin aldehyde | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | NS | NS |
| Endrin ketone | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | NS | NS |
| gamma-BHC (Lindane) | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.1 | 0.28 |
| Heptachlor | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | 0.042 | 0.42 |
| Heptachlor epoxide | <0.00299 | U | <0.00282 | U | 0.00314 | U | <0.00296 | U | <0.00311 | U | <0.00299 | U | <0.00299 | U | NS | NS |
| Methoxychlor | <0.0149 | U | <0.0141 | U | 0.0157 | U | <0.0148 | U | <0.0155 | U | <0.0149 | U | <0.0150 | U | NS | NS |
| Total PCBs | <0.0123 | U | <0.0116 | U | **1.39** | | <0.0122 | U | <0.0128 | U | <0.0123 | U | **0.0869** | | 0.1 | 1 |
| Toxaphene | <0.151 | U | <0.143 | U | 0.159 | U | <0.150 | U | <0.157 | U | <0.151 | U | <0.151 | U | NS | NS |

NOTES:

Column to the right of each sample results is 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

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

Grey shaded values represent concentration exceeding Unrestricted Unse SCO

Blue shaded values represent concentration exceeding Residnetial SCO

**Table 2 (Cont.)**

**Deep Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 12-14ft | | SP-2 8-10ft | | SP-3 8-10ft | | SP-4 8-10ft | | SP-5 8-10ft | | SP-6 8-10ft | | SP-7 8-10ft | | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/19/2013 | | 2/19/2013 | | 2/18/2013 | | 2/19/2013 | | 2/18/2013 | | 2/18/2013 | | 2/18/2013 | | | |
| Matrix | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | | |
| Units | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/Kg | mg/Kg |
| *Volatile Organics, 8260 List* | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,1,1-Trichloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.68 | 100 |
| 1,1,2,2-Tetrachloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,1,2-Trichloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,1-Dichloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.27 | 19 |
| 1,1-Dichloroethylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.33 | 100 |
| 1,1-Dichloropropylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,2,3-Trichlorobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,2,3-Trichloropropane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,2,4-Trichlorobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,2,4-Trimethylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 3.6 | 47 |
| 1,2-Dibromo-3-chloropropane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,2-Dibromoethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,2-Dichlorobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 1.1 | 100 |
| 1,2-Dichloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.02 | 2.3 |
| 1,2-Dichloropropane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,3,5-Trimethylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 8.4 | 47 |
| 1,3-Dichlorobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 2.4 | 17 |
| 1,3-Dichloropropane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 1,4-Dichlorobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 1.8 | 9.8 |
| 1,4-Dioxane | <0.0094 | U | <0.013 | U | <0.0071 | U | <0.012 | U | <0.011 | U | <0.013 | U | <0.013 | U | 0.1 | 9.8 |
| 2,2-Dichloropropane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 2-Butanone | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.12 | 100 |
| 2-Chlorotoluene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| 4-Chlorotoluene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Acetone | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | **0.0027** | **J** | <0.0025 | U | <0.0025 | U | 0.05 | 100 |
| Benzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.06 | 2.9 |
| Bromobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Bromochloromethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Bromodichloromethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Bromoform | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Bromomethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Carbon tetrachloride | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.76 | 1.4 |
| Chlorobenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 1.1 | 100 |
| Chloroethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Chloroform | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.37 | 10 |
| Chloromethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| cis-1,2-Dichloroethylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.25 | 59 |
| cis-1,3-Dichloropropylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Dibromochloromethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Dibromomethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Dichlorodifluoromethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Ethyl Benzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 1 | 30 |

**Table 2 (Cont.)**

**Deep Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 12-14ft | | SP-2 8-10ft | | SP-3 8-10ft | | SP-4 8-10ft | | SP-5 8-10ft | | SP-6 8-10ft | | SP-7 8-10ft | | Unrestricted SCO | Restricted SCO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Volatile Organics, 8260 List*** | | | | | | | | | | | | | | | | |
| Isopropylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Methyl tert-butyl ether (MTBE) | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.93 | 62 |
| Methylene chloride | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.05 | 51 |
| n-Butylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 12 | 100 |
| n-Propylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 3.9 | 100 |
| Naphthalene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 12 | 100 |
| o-Xylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| p- & m- Xylenes | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| p-Isopropyltoluene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| sec-Butylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 11 | 100 |
| Styrene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| tert-Butylbenzene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 5.9 | 100 |
| Tetrachloroethylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 1.3 | 5.5 |
| Toluene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.7 | 100 |
| trans-1,2-Dichloroethylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.19 | 100 |
| trans-1,3-Dichloropropylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Trichloroethylene | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.47 | 10 |
| Trichlorofluoromethane | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Vinyl acetate | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | NS | NS |
| Vinyl Chloride | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.02 | 0.21 |
| Xylenes, Total | <0.0018 | U | <0.0024 | U | <0.0013 | U | <0.0022 | U | <0.0020 | U | <0.0025 | U | <0.0025 | U | 0.26 | 100 |
| ***Semi-Volatiles, 8270 Target List*** | | | | | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | <0.0694 | U | <0.0675 | U | <0.0695 | U | <0.0701 | U | <0.0648 | U | <0.0639 | U | <0.0615 | U | NS | NS |
| 1,2-Dichlorobenzene | <0.125 | U | <0.122 | U | <0.125 | U | <0.127 | U | <0.117 | U | <0.115 | U | <0.111 | U | 1.1 | 100 |
| 1,3-Dichlorobenzene | <0.0606 | U | <0.0589 | U | <0.0606 | U | <0.0612 | U | <0.0566 | U | <0.0558 | U | <0.0537 | U | 2.4 | 17 |
| 1,4-Dichlorobenzene | <0.118 | U | <0.115 | U | <0.118 | U | <0.119 | U | <0.110 | U | <0.109 | U | <0.105 | U | 1.8 | 9.8 |
| 2,4,5-Trichlorophenol | <0.149 | U | <0.145 | U | <0.149 | U | <0.150 | U | <0.139 | U | <0.137 | U | <0.132 | U | NS | NS |
| 2,4,6-Trichlorophenol | <0.0974 | U | <0.0947 | U | <0.0975 | U | <0.0984 | U | <0.0910 | U | <0.0897 | U | <0.0863 | U | NS | NS |
| 2,4-Dichlorophenol | <0.156 | U | <0.152 | U | <0.157 | U | <0.158 | U | <0.146 | U | <0.144 | U | <0.139 | U | NS | NS |
| 2,4-Dimethylphenol | <0.134 | U | <0.130 | U | <0.134 | U | <0.136 | U | <0.125 | U | <0.124 | U | <0.119 | U | NS | NS |
| 2,4-Dinitrophenol | <0.161 | U | <0.157 | U | <0.161 | U | <0.163 | U | <0.150 | U | <0.148 | U | <0.143 | U | NS | NS |
| 2,4-Dinitrotoluene | <0.0847 | U | <0.0824 | U | <0.0848 | U | <0.0856 | U | <0.0792 | U | <0.0780 | U | <0.0751 | U | NS | NS |
| 2,6-Dinitrotoluene | <0.0985 | U | <0.0958 | U | <0.0986 | U | <0.0995 | U | <0.0921 | U | <0.0908 | U | <0.0873 | U | NS | NS |
| 2-Chloronaphthalene | <0.104 | U | <0.101 | U | <0.104 | U | <0.105 | U | <0.0967 | U | <0.0954 | U | <0.0917 | U | NS | NS |
| 2-Chlorophenol | <0.0633 | U | <0.0615 | U | <0.0633 | U | <0.0639 | U | <0.0591 | U | <0.0583 | U | <0.0561 | U | NS | NS |
| 2-Methylnaphthalene | <0.147 | U | <0.143 | U | <0.147 | U | <0.149 | U | <0.138 | U | <0.136 | U | <0.130 | U | NS | NS |
| 2-Methylphenol | <0.0728 | U | <0.0708 | U | <0.0729 | U | <0.0736 | U | <0.0681 | U | <0.0671 | U | <0.0646 | U | 0.33 | 100 |
| 2-Nitroaniline | <0.167 | U | <0.163 | U | <0.167 | U | <0.169 | U | <0.156 | U | <0.154 | U | <0.148 | U | NS | NS |
| 2-Nitrophenol | <0.0521 | U | <0.0507 | U | <0.0522 | U | <0.0527 | U | <0.0487 | U | <0.0480 | U | <0.0462 | U | NS | NS |
| 3,3'-Dichlorobenzidine | <0.1 | U | <0.0977 | U | <0.101 | U | <0.101 | U | <0.0939 | U | <0.0925 | U | <0.0890 | U | NS | NS |
| 3- & 4-Methylphenols | <0.0832 | U | <0.0809 | U | <0.0833 | U | <0.0840 | U | <0.0777 | U | <0.0766 | U | <0.0737 | U | NS | NS |
| 3-Nitroaniline | <0.191 | U | <0.185 | U | <0.191 | U | <0.192 | U | <0.178 | U | <0.176 | U | <0.169 | U | NS | NS |
| 4,6-Dinitro-2-methylphenol | <0.242 | U | <0.235 | U | <0.242 | U | <0.244 | U | <0.226 | U | <0.222 | U | <0.214 | U | NS | NS |
| 4-Bromophenyl phenyl ether | <0.0924 | U | <0.0899 | U | <0.0925 | U | <0.0933 | U | <0.0863 | U | <0.0851 | U | <0.0819 | U | NS | NS |
| 4-Chloro-3-methylphenol | <0.129 | U | <0.126 | U | <0.129 | U | <0.131 | U | <0.121 | U | <0.119 | U | <0.115 | U | NS | NS |
| 4-Chloroaniline | <0.0498 | U | <0.0485 | U | <0.0499 | U | <0.0503 | U | <0.0466 | U | <0.0459 | U | <0.0442 | U | NS | NS |
| 4-Chlorophenyl phenyl ether | <0.112 | U | <0.109 | U | <0.112 | U | <0.113 | U | <0.105 | U | <0.103 | U | <0.0996 | U | NS | NS |
| | | | | | | | | | | | | | | | | |

**Table 2 (Cont.)**

**Deep Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 12-14ft | | SP-2 8-10ft | | SP-3 8-10ft | | SP-4 8-10ft | | SP-5 8-10ft | | SP-6 8-10ft | | SP-7 8-10ft | | Unrestricted SCO | Restricted SCO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Semi-Volatiles, 8270 Target List*** | | | | | | | | | | | | | | | | |
| 4-Nitrophenol | <0.0721 | U | <0.0701 | U | <0.0721 | U | <0.0728 | U | <0.0673 | U | <0.0664 | U | <0.0639 | U | NS | NS |
| Acenaphthene | <0.0694 | U | <0.0675 | U | <0.0695 | U | <0.0701 | U | <0.0648 | U | <0.0639 | U | <0.0615 | U | 20 | 100 |
| Acenaphthylene | <0.0920 | U | <0.0895 | U | <0.0921 | U | <0.0929 | U | <0.0860 | U | <0.0848 | U | <0.0815 | U | 100 | 100 |
| Aniline | <0.110 | U | <0.107 | U | <0.110 | U | <0.111 | U | <0.102 | U | <0.101 | U | <0.0972 | U | NS | NS |
| Anthracene | <0.105 | U | <0.102 | U | <0.105 | U | <0.106 | U | <0.0978 | U | <0.0964 | U | <0.0928 | U | 100 | 100 |
| Benzo(a)anthracene | <0.0717 | U | <0.0697 | U | <0.0718 | U | <0.0724 | U | <0.0670 | U | <0.0660 | U | <0.0635 | U | 1 | 1 |
| Benzo(a)pyrene | <0.0759 | U | <0.0738 | U | <0.0760 | U | <0.0767 | U | <0.0709 | U | <0.0699 | U | <0.0673 | U | 1 | 1 |
| Benzo(b)fluoranthene | <0.161 | U | <0.156 | U | <0.161 | U | <0.162 | U | <0.150 | U | <0.148 | U | <0.142 | U | 1 | 1 |
| Benzo(g,h,i)perylene | <0.0636 | U | <0.0619 | U | <0.0637 | U | <0.0643 | U | <0.0595 | U | <0.0586 | U | <0.0564 | U | 100 | 100 |
| Benzo(k)fluoranthene | <0.192 | U | <0.186 | U | <0.192 | U | <0.194 | U | <0.179 | U | <0.177 | U | <0.170 | U | 0.8 | 1 |
| Benzyl alcohol | <0.192 | U | <0.186 | U | <0.192 | U | <0.194 | U | <0.179 | U | <0.177 | U | <0.170 | U | NS | NS |
| Benzyl butyl phthalate | <0.106 | U | <0.103 | U | <0.106 | U | <0.107 | U | <0.0989 | U | <0.0975 | U | <0.0938 | U | NS | NS |
| Bis(2-chloroethoxy)methane | <0.0659 | U | <0.0641 | U | <0.0660 | U | <0.0666 | U | <0.0616 | U | <0.0607 | U | <0.0584 | U | NS | NS |
| Bis(2-chloroethyl)ether | <0.0978 | U | <0.0951 | U | <0.0979 | U | <0.0988 | U | <0.0914 | U | <0.0901 | U | <0.0866 | U | NS | NS |
| Bis(2-chloroisopropyl)ether | <0.0675 | U | <0.0656 | U | <0.0675 | U | <0.0682 | U | <0.0631 | U | <0.0622 | U | <0.0598 | U | NS | NS |
| Bis(2-ethylhexyl)phthalate | <0.132 | U | <0.129 | U | <0.132 | U | <0.134 | U | <0.124 | U | <0.122 | U | <0.117 | U | NS | NS |
| Chrysene | <0.0882 | U | <0.0858 | U | <0.0883 | U | <0.0891 | U | <0.0824 | U | <0.0812 | U | <0.0782 | U | 1 | 1 |
| Di-n-butyl phthalate | <0.0778 | U | <0.0757 | U | <0.0779 | U | <0.0786 | U | <0.0727 | U | <0.0717 | U | <0.0690 | U | NS | NS |
| Di-n-octyl phthalate | <0.192 | U | <0.186 | U | <0.192 | U | <0.194 | U | <0.179 | U | <0.177 | U | <0.170 | U | NS | NS |
| Dibenzo(a,h)anthracene | <0.0771 | U | <0.0749 | U | <0.0771 | U | <0.0778 | U | <0.0720 | U | <0.0710 | U | <0.0683 | U | 0.33 | 0.33 |
| Dibenzofuran | <0.0893 | U | <0.0869 | U | <0.0894 | U | <0.0902 | U | <0.0835 | U | <0.0823 | U | <0.0792 | U | 7 | 14 |
| Diethyl phthalate | <0.120 | U | <0.117 | U | <0.121 | U | <0.122 | U | <0.112 | U | <0.111 | U | <0.107 | U | NS | NS |
| Dimethyl phthalate | <0.0855 | U | <0.0831 | U | <0.0856 | U | <0.0864 | U | <0.0799 | U | <0.0788 | U | <0.0758 | U | NS | NS |
| Fluoranthene | <0.112 | U | <0.109 | U | <0.112 | U | <0.113 | U | <0.105 | U | <0.103 | U | <0.0996 | U | 100 | 100 |
| Fluorene | <0.0920 | U | <0.0895 | U | <0.0921 | U | <0.0929 | U | <0.0860 | U | <0.0848 | U | <0.0815 | U | 30 | 100 |
| Hexachlorobenzene | <0.113 | U | <0.110 | U | <0.113 | U | <0.114 | U | <0.106 | U | <0.104 | U | <0.100 | U | 0.33 | 0.33 |
| Hexachlorobutadiene | <0.0648 | U | <0.0630 | U | <0.0649 | U | <0.0654 | U | <0.0605 | U | <0.0597 | U | <0.0574 | U | NS | NS |
| Hexachlorocyclopentadiene | <0.143 | U | <0.139 | U | <0.143 | U | <0.144 | U | <0.133 | U | <0.131 | U | <0.126 | U | NS | NS |
| Hexachloroethane | <0.0548 | U | <0.0533 | U | <0.0549 | U | <0.0554 | U | <0.0512 | U | <0.0505 | U | <0.0486 | U | NS | NS |
| Indeno(1,2,3-cd)pyrene | <0.0874 | U | <0.0850 | U | <0.0875 | U | <0.0883 | U | <0.0817 | U | <0.0805 | U | <0.0775 | U | 0.5 | 0.5 |
| Isophorone | <0.0659 | U | <0.0641 | U | <0.0660 | U | <0.0666 | U | <0.0616 | U | <0.0607 | U | <0.0584 | U | NS | NS |
| N-nitroso-di-n-propylamine | <0.0640 | U | <0.0623 | U | <0.0641 | U | <0.0647 | U | <0.0598 | U | <0.0590 | U | <0.0567 | U | NS | NS |
| N-Nitrosodimethylamine | <0.0786 | U | <0.0764 | U | <0.0787 | U | <0.0794 | U | <0.0734 | U | <0.0724 | U | <0.0697 | U | NS | NS |
| N-Nitrosodiphenylamine | <0.0866 | U | <0.0843 | U | <0.0867 | U | <0.0875 | U | <0.0810 | U | <0.0798 | U | <0.0768 | U | NS | NS |
| Naphthalene | <0.0472 | U | <0.0459 | U | <0.0472 | U | <0.0476 | U | <0.0441 | U | <0.0434 | U | <0.0418 | U | 12 | 100 |
| Nitrobenzene | <0.0564 | U | <0.0548 | U | <0.0564 | U | <0.0569 | U | <0.0527 | U | <0.0519 | U | <0.0499 | U | NS | NS |
| Pentachlorophenol | <0.145 | U | <0.141 | U | <0.145 | U | <0.146 | U | <0.135 | U | <0.133 | U | <0.128 | U | 0.8 | 2.4 |
| Phenanthrene | <0.100 | U | <0.0973 | U | <0.100 | U | <0.101 | U | <0.0935 | U | <0.0922 | U | <0.0887 | U | 100 | 100 |
| Phenol | <0.0828 | U | <0.0805 | U | <0.0829 | U | <0.0836 | U | <0.0774 | U | <0.0763 | U | <0.0734 | U | 0.33 | 100 |
| Pyrene | <0.0782 | U | <0.0761 | U | <0.0783 | U | <0.0790 | U | <0.0731 | U | <0.0720 | U | <0.0693 | U | 100 | 100 |
| Pyridine | <0.135 | U | <0.131 | U | <0.135 | U | <0.136 | U | <0.126 | U | <0.124 | U | <0.119 | U | NS | NS |
| ***Pesticides/PCBs, EPA 8081/8082 List*** | | | | | | | | | | | | | | | | |
| 4,4'-DDD | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.0033 | 2.6 |
| 4,4'-DDE | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.0033 | 1.8 |
| 4,4'-DDT | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.0033 | 1.7 |
| Aldrin | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.005 | 0.019 |
| alpha-BHC | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.02 | 0.097 |
| | | | | | | | | | | | | | | | | |

**Table 2 (Cont.)**

**Deep Soil Samples Organic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 12-14ft | | SP-2 8-10ft | | SP-3 8-10ft | | SP-4 8-10ft | | SP-5 8-10ft | | SP-6 8-10ft | | SP-7 8-10ft | | Unrestricted SCO | Restricted SCO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Pesticides/PCBs, EPA 8081/8082 List*** | | | | | | | | | | | | | | | | |
| Aroclor 1221 | <0.0293 | U | <0.0285 | U | <0.0294 | U | <0.0296 | U | <0.0274 | U | <0.0270 | U | <0.0260 | U | NS | NS |
| Aroclor 1232 | <0.0293 | U | <0.0285 | U | <0.0294 | U | <0.0296 | U | <0.0274 | U | <0.0270 | U | <0.0260 | U | NS | NS |
| Aroclor 1242 | <0.0293 | U | <0.0285 | U | <0.0294 | U | <0.0296 | U | <0.0274 | U | <0.0270 | U | <0.0260 | U | NS | NS |
| Aroclor 1248 | <0.0293 | U | <0.0285 | U | <0.0294 | U | <0.0296 | U | <0.0274 | U | <0.0270 | U | <0.0260 | U | NS | NS |
| Aroclor 1254 | <0.0293 | U | <0.0285 | U | <0.0294 | U | <0.0296 | U | <0.0274 | U | <0.0270 | U | <0.0260 | U | NS | NS |
| Aroclor 1260 | <0.0293 | U | <0.0285 | U | <0.0294 | U | <0.0296 | U | <0.0274 | U | <0.0270 | U | <0.0260 | U | NS | NS |
| beta-BHC | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.036 | 0.072 |
| Chlordane, total | <0.0114 | U | <0.0111 | U | <0.0114 | U | <0.0115 | U | <0.0106 | U | <0.0105 | U | 0.0101 | U | NS | NS |
| delta-BHC | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.04 | 100 |
| Dieldrin | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.005 | 0.039 |
| Endosulfan I | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 2.4 | 4.8 |
| Endosulfan II | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 2.4 | 4.8 |
| Endosulfan sulfate | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 2.4 | 4.8 |
| Endrin | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.014 | 2.2 |
| Endrin aldehyde | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | NS | NS |
| Endrin ketone | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | NS | NS |
| gamma-BHC (Lindane) | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.1 | 0.28 |
| Heptachlor | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | 0.042 | 0.42 |
| Heptachlor epoxide | <0.00285 | U | <0.00277 | U | <0.00285 | U | <0.00288 | U | <0.00266 | U | <0.00262 | U | <0.00252 | U | NS | NS |
| Methoxychlor | <0.0142 | U | <0.0138 | U | <0.0142 | U | <0.0144 | U | <0.0133 | U | <0.0131 | U | <0.0126 | U | NS | NS |
| Total PCBs | <0.0117 | U | <0.0114 | U | <0.0117 | U | <0.0119 | U | <0.0110 | U | <0.0108 | U | <0.0104 | U | 0.1 | 1 |
| Toxaphene | <0.144 | U | <0.140 | U | <0.144 | U | <0.146 | U | <0.135 | U | <0.133 | U | <0.128 | U | NS | NS |

NOTES:

Column to the right of each sample results is Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

**Table 2 (Cont.)**
**Shallow Soil Samples Inorganic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 0-2ft | | SP-2 0-2ft | | SP-3 0-2ft | | SP-4 0-2ft | | SP-5 0-2ft | | SP-6 0-2ft | | SP-7 0-2ft | | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/19/2013 | | 2/19/2013 | | 2/18/2013 | | 2/19/2013 | | 2/18/2013 | | 2/18/2013 | | 2/18/2013 | | | |
| Matrix | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | | |
| Units | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/Kg | mg/Kg |
| Aluminum | 10400 | | 8470 | | 7200 | | 10000 | | 7260 | | 7330 | | 11600 | | NS | NS |
| Antimony | 4.64 | | 1.08 | | 4.00 | | 3.70 | | 1.87 | | 1.93 | | 1.78 | | NS | NS |
| Arsenic | 20.0 | | 4.54 | | 41.5 | | 12.1 | | 12.3 | | 8.27 | | 12.7 | | 13 | 16 |
| Barium | 1800 | | 542 | | 942 | | 1130 | | 595 | | <1480 | | 584 | | 350 | 350 |
| Beryllium | <0.121 | U | <0.114 | U | <0.127 | U | <0.120 | U | <0.126 | U | <0.121 | U | <0.121 | U | 7.2 | 14 |
| Cadmium | 5.62 | | 0.745 | | 1.8 | | 1.76 | | 2.13 | | 1.53 | | 1.15 | | 2.5 | 2.5 |
| Calcium | 23700 | | 34100 | | 15700 | | 61900 | D | 11500 | | 24200 | | 11200 | | NS | NS |
| Chromium, Trivalent | 36.9 | | 32.3 | | 35.7 | | 69.7 | | 22.5 | | 21.9 | | 26.0 | | 30 | 36 |
| Chromium, Hexavalent | <0.422 | U | <0.399 | U | <0.443 | U | <0.418 | U | <0.439 | U | <0.423 | U | <0.423 | U | 1 | 22 |
| Cobalt | 10.8 | | 8.27 | | 6.61 | | 10.9 | | 6.85 | | 6.72 | | 12.3 | | NS | NS |
| Copper | 285 | | 111 | | 177 | | 6090 | D | 120 | | 198 | | 112 | | 50 | 270 |
| Iron | 34800 | D | 22200 | | 24300 | | 44400 | D | 26400 | E | 20700 | | 31700 | E | NS | NS |
| Lead | 2440 | | 598 | | 936 | | 2110 | | 534 | | 673 | | 1190 | | 63 | 400 |
| Magnesium | 7290 | | 11400 | | 3240 | | 6980 | | 4780 | | 3310 | | 4300 | | NS | NS |
| Manganese | 619 | | 330 | | 295 | | 409 | | 275 | | 260 | | 449 | | 1600 | 2000 |
| Mercury | 0.121 | | <0.107 | U | 0.253 | | 0.120 | | 0.251 | | 0.241 | | 0.278 | | 0.18 | 0.81 |
| Nickel | 33.8 | | 28.2 | | 36.6 | | 45.7 | | 43.4 | | 25.4 | | 36.1 | | 30 | 140 |
| Potassium | 1630 | | 1400 | | 789 | | 1350 | | 924 | | 1020 | | 2310 | | NS | NS |
| Selenium | 5.22 | | 2.65 | | 12.1 | | 5.05 | | 5.78 | | 4.47 | | 5.99 | | 3.9 | 36 |
| Silver | <0.121 | U | <0.114 | U | <0.127 | U | <0.120 | U | <0.126 | U | <0.121 | U | <0.121 | U | 2 | 36 |
| Sodium | 655 | | 625 | | 541 | | 590 | | 417 | | 353 | | 297 | | NS | NS |
| Thallium | <0.386 | U | <0.365 | U | <0.405 | U | <0.382 | U | <0.402 | U | <0.386 | U | <0.387 | U | NS | NS |
| Vanadium | 32.8 | | 29.7 | | 68.1 | | 43.8 | | 41.8 | | 28.5 | | 48.9 | | NS | NS |
| Zinc | 2800 | D | 511 | | 907 | | 1310 | E | 923 | | 1030 | | 996 | | 109 | 2200 |

NOTES:
Column to the right of each sample results is Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
D=result is from an analysis that required a dilution

NS...this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Unse SCO
Blue shaded values represent concentration exceeding Residnetial SCO

**Table 2 (Cont.)**
**Deep Soil Samples Inorganic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SP-1 12-14ft | | SP-2 8-10ft | | SP-3 8-10ft | | SP-4 8-10ft | | SP-5 8-10ft | | SP-6 8-10ft | | SP-7 8-10ft | | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/19/2013 | | 2/19/2013 | | 2/18/2013 | | 2/19/2013 | | 2/18/2013 | | 2/18/2013 | | 2/18/2013 | | | |
| Matrix | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | | |
| Units | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/Kg | mg/Kg |
| Aluminum | **12000** | | **8830** | | **9470** | | **9980** | | **5710** | | **6330** | | **4160** | | NS | NS |
| Antimony | <0.253 | U | <0.246 | U | <0.253 | U | <0.256 | U | <0.236 | U | <0.233 | U | <0.224 | U | NS | NS |
| Arsenic | **3.22** | | **2.06** | | **1.71** | | **2.44** | | **1.26** | | **1.42** | | <0.347 | U | 13 | 16 |
| Barium | **51.8** | | **36.6** | | **31.4** | | **40.8** | | **24.5** | | **25.8** | | **19.0** | | 350 | 350 |
| Beryllium | <0.115 | U | <0.112 | U | <0.115 | U | <0.116 | U | <0.107 | U | <0.106 | U | <0.102 | U | 7.2 | 14 |
| Cadmium | <0.115 | U | <0.112 | U | <0.115 | U | <0.116 | U | <0.107 | U | <0.106 | U | <0.102 | U | 2.5 | 2.5 |
| Calcium | **1430** | | **723** | | **1130** | | **1330** | | **1030** | | **1010** | | **670** | | NS | NS |
| Chromium, Trivalent | **22.8** | | **19.4** | | **18.5** | | **19.7** | | **13.0** | | **13.6** | | **8.98** | | 30 | 36 |
| Chromium, Hexavalent | <0.403 | U | <0.391 | U | <0.403 | U | <0.407 | U | <0.376 | U | <0.371 | U | <0.357 | U | 1 | 22 |
| Cobalt | **6.94** | | **6.01** | | **8.16** | | **8.08** | | **5.31** | | **5.77** | | **4.76** | | NS | NS |
| Copper | **14.6** | | **9.15** | | **18.4** | | **18.0** | | **11.5** | | **17.9** | | **11.2** | | 50 | 270 |
| Iron | **17400** | | **12500** | | **13500** | | **15400** | | **9160** | | **10600** | | **7590** | | NS | NS |
| Lead | **15.9** | | **5.06** | | **6.47** | | **8.75** | | **3.07** | | **4.35** | | **2.34** | | 63 | 400 |
| Magnesium | **3350** | | **2480** | | **3980** | | **3490** | | **2620** | | **2530** | | **1810** | | NS | NS |
| Manganese | **136** | | **191** | | **159** | | **184** | | **163** | | **184** | | **144** | | 1600 | 2000 |
| Mercury | <0.108 | U | 0.105 | U | 0.108 | U | 0.109 | U | <0.101 | U | <0.0996 | U | <0.0958 | U | 0.18 | 0.81 |
| Nickel | **19.7** | | **14.6** | | **18.7** | | **18.2** | | **14.2** | | **15.2** | | **11.6** | | 30 | 140 |
| Potassium | **893** | | **609** | | **1250** | | **1340** | | **864** | | **827** | | **648** | | NS | NS |
| Selenium | **2.72** | | **2.16** | | **2.13** | | **2.19** | | **1.74** | | **1.85** | | **1.57** | | 3.9 | 36 |
| Silver | <0.115 | U | <0.112 | U | <0.115 | U | <0.116 | U | <0.107 | U | <0.106 | U | <0.102 | U | 2 | 36 |
| Sodium | **364** | | **293** | | **274** | | **266** | | **203** | | **193** | | **159** | | NS | NS |
| Thallium | <0.368 | U | <0.358 | U | <0.368 | U | <0.372 | U | <0.344 | U | 0.339 | U | <0.326 | U | NS | NS |
| Vanadium | **29.4** | | **21.5** | | **21.6** | | **24.4** | | **14.3** | | **15.3** | | **11.8** | | NS | NS |
| Zinc | **64.3** | | **26.5** | | **39.2** | | **47.8** | | **22.4** | | **30.0** | | **16.4** | | 109 | 2200 |

NOTES:
Column to the right of each sample results is Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated

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

**Table 2 (Cont.)**
**Blanks Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | Field Blank | | Trip Blank | | NYSDEC TOGS Standards and Guidance Values - GA |
|---|---|---|---|---|---|
| Sampling Date | 2/18/2013 | | 2/19/2013 | | |
| Matrix | DI Water | | DI Water | | |
| Units | ug/L | | ug/L | | ug/L |
| *Volatile Organics, 8260 List* | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.32 | U | <0.32 | U | 5 |
| 1,1,1-Trichloroethane | <0.23 | U | <0.23 | U | 5 |
| 1,1,2,2-Tetrachloroethane | <0.59 | U | <0.59 | U | 5 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | <0.34 | U | <0.34 | U | 5 |
| 1,1,2-Trichloroethane | <1.3 | U | <1.3 | U | 1 |
| 1,1-Dichloroethane | <0.42 | U | <0.42 | U | 5 |
| 1,1-Dichloroethylene | <0.52 | U | <0.52 | U | 5 |
| 1,1-Dichloropropylene | <0.26 | U | <0.26 | U | 5 |
| 1,2,3-Trichlorobenzene | <0.99 | U | <0.99 | U | 5 |
| 1,2,3-Trichloropropane | <0.73 | U | <0.73 | U | 0.04 |
| 1,2,4-Trichlorobenzene | <0.91 | U | <0.91 | U | 5 |
| 1,2,4-Trimethylbenzene | <0.41 | U | <0.41 | U | 5 |
| 1,2-Dibromo-3-chloropropane | <0.98 | U | <0.98 | U | 0.04 |
| 1,2-Dibromoethane | <0.44 | U | <0.44 | U | 5 |
| 1,2-Dichlorobenzene | <0.40 | U | <0.40 | U | 3 |
| 1,2-Dichloroethane | <0.36 | U | <0.36 | U | 0.6 |
| 1,2-Dichloropropane | <0.23 | U | <0.23 | U | 1 |
| 1,3,5-Trimethylbenzene | <0.48 | U | <0.48 | U | 5 |
| 1,3-Dichlorobenzene | <0.47 | U | <0.47 | U | 3 |
| 1,3-Dichloropropane | <0.55 | U | <0.55 | U | 5 |
| 1,4-Dichlorobenzene | <0.62 | U | <0.62 | U | 3 |
| 2,2-Dichloropropane | <0.42 | U | <0.42 | U | 5 |
| 2-Butanone | <1.5 | U | <1.5 | U | 50 |
| 2-Chlorotoluene | <0.43 | U | <0.43 | U | 5 |
| 4-Chlorotoluene | <0.31 | U | <0.31 | U | 5 |
| Acetone | **12** | | <6.1 | U | 50 |
| Benzene | <0.30 | U | <0.30 | U | 1 |
| Bromobenzene | <1.0 | U | <1.0 | U | 5 |
| Bromochloromethane | <0.54 | U | <0.54 | U | 5 |
| Bromodichloromethane | <0.41 | U | <0.41 | U | 50 |
| Bromoform | <0.58 | U | <0.58 | U | 50 |
| Bromomethane | <2.0 | U | <2.0 | U | 5 |
| Carbon tetrachloride | <0.56 | U | <0.56 | U | 5 |
| Chlorobenzene | <0.38 | U | <0.38 | U | 5 |
| Chloroethane | <2.8 | U | <2.8 | U | 5 |
| Chloroform | <0.42 | U | <0.42 | U | 7 |
| Chloromethane | <0.41 | U | <0.41 | U | 5 |
| cis-1,2-Dichloroethylene | <0.43 | U | <0.43 | U | 5 |
| cis-1,3-Dichloropropylene | <0.41 | U | <0.41 | U | 0.4 |
| Dibromochloromethane | <0.39 | U | <0.39 | U | 50 |
| Dibromomethane | <0.58 | U | <0.58 | U | NS |
| Dichlorodifluoromethane | <0.35 | U | <0.35 | U | 5 |
| Ethyl Benzene | <0.25 | U | <0.25 | U | 5 |

**Table 2 (Cont.)**
**Blanks Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | Field Blank | | Trip Blank | | GQS |
|---|---|---|---|---|---|
| ***Volatile Organics, 8260 List*** | | | | | |
| Hexachlorobutadiene | <0.68 | U | <0.68 | U | 0.5 |
| Isopropylbenzene | <0.63 | U | <0.63 | U | 5 |
| Methyl tert-butyl ether (MTBE) | <0.53 | U | <0.53 | U | 10 |
| Methylene chloride | <2.4 | U | <2.4 | U | 5 |
| n-Butylbenzene | <0.30 | U | <0.30 | U | 5 |
| n-Propylbenzene | <0.54 | U | <0.54 | U | 5 |
| Naphthalene | <1.2 | U | <1.2 | U | 10 |
| o-Xylene | <0.21 | U | <0.21 | U | 5 |
| p- & m- Xylenes | <0.53 | U | <0.53 | U | 5 |
| p-Isopropyltoluene | <0.34 | U | <0.34 | U | 5 |
| sec-Butylbenzene | <0.59 | U | <0.59 | U | 5 |
| Styrene | <0.22 | U | <0.22 | U | 5 |
| tert-Butylbenzene | <1.4 | U | <1.4 | U | 5 |
| Tetrachloroethylene | <0.41 | U | <0.41 | U | 5 |
| Toluene | <0.17 | U | <0.17 | U | 5 |
| trans-1,2-Dichloroethylene | <0.52 | U | <0.52 | U | 5 |
| trans-1,3-Dichloropropylene | <0.67 | U | <0.67 | U | 0.4 |
| Trichloroethylene | <0.16 | U | <0.16 | U | 5 |
| Trichlorofluoromethane | <0.54 | U | <0.54 | U | 5 |
| Vinyl acetate | <0.73 | U | <0.73 | U | NS |
| Vinyl Chloride | <0.68 | U | <0.68 | U | 2 |
| Xylenes, Total | <0.55 | U | <0.55 | U | 5 |
| ***Semi-Volatiles, 8270 Target List*** | | | | | |
| 1,2,4-Trichlorobenzene | <2.53 | U | NT | | 5 |
| 1,2-Dichlorobenzene | <2.55 | U | NT | | 3 |
| 1,3-Dichlorobenzene | <2.68 | U | NT | | 3 |
| 1,4-Dichlorobenzene | <2.27 | U | NT | | 3 |
| 2,4,5-Trichlorophenol | <1.96 | U | NT | | 1 |
| 2,4,6-Trichlorophenol | <1.79 | U | NT | | 1 |
| 2,4-Dichlorophenol | <1.94 | U | NT | | 5 |
| 2,4-Dimethylphenol | <1.64 | U | NT | | 50 |
| 2,4-Dinitrophenol | <2.31 | U | NT | | 10 |
| 2,4-Dinitrotoluene | <1.65 | U | NT | | 5 |
| 2,6-Dinitrotoluene | <1.65 | U | NT | | 5 |
| 2-Chloronaphthalene | <2.26 | U | NT | | 10 |
| 2-Chlorophenol | <1.84 | U | NT | | 1 |
| 2-Methylnaphthalene | <2.83 | U | NT | | NS |
| 2-Methylphenol | <1.19 | U | NT | | 1 |
| 2-Nitroaniline | <1.72 | U | NT | | 5 |
| 2-Nitrophenol | <2.42 | U | NT | | 1 |
| 3,3'-Dichlorobenzidine | <1.30 | U | NT | | 5 |
| 3- & 4-Methylphenols | <1.15 | U | NT | | NS |
| 3-Nitroaniline | <1.72 | U | NT | | 5 |
| 4,6-Dinitro-2-methylphenol | <1.66 | U | NT | | NS |
| 4-Bromophenyl phenyl ether | <1.36 | U | NT | | NS |
| 4-Chloro-3-methylphenol | <1.94 | U | NT | | 1 |

**Table 2 (Cont.)**
**Blanks Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | Field Blank | | Trip Blank | | GQS |
|---|---|---|---|---|---|
| ***Semi-Volatiles, 8270 Target List*** | | | | | |
| 4-Chloroaniline | <3.06 | U | NT | | 5 |
| 4-Chlorophenyl phenyl ether | <2.51 | U | NT | | NS |
| 4-Nitroaniline | <2.75 | U | NT | | 5 |
| 4-Nitrophenol | <1.70 | U | NT | | 1 |
| Acenaphthene | <1.82 | U | NT | | 20 |
| Acenaphthylene | <1.78 | U | NT | | NS |
| Aniline | <1.54 | U | NT | | 5 |
| Anthracene | <1.22 | U | NT | | 50 |
| Benzo(a)anthracene | <1.34 | U | NT | | 0.002 |
| Benzo(a)pyrene | <1.33 | U | NT | | 0.002 |
| Benzo(b)fluoranthene | <1.45 | U | NT | | 0.002 |
| Benzo(g,h,i)perylene | <1.75 | U | NT | | NS |
| Benzo(k)fluoranthene | <1.88 | U | NT | | 0.002 |
| Benzyl alcohol | <1.49 | U | NT | | NS |
| Benzyl butyl phthalate | <0.874 | U | NT | | 50 |
| Bis(2-chloroethoxy)methane | <1.82 | U | NT | | 5 |
| Bis(2-chloroethyl)ether | <1.54 | U | NT | | 1 |
| Bis(2-chloroisopropyl)ether | <3.07 | U | NT | | 5 |
| Bis(2-ethylhexyl)phthalate | **24.0** | **B** | NT | | 5 |
| Chrysene | <1.51 | U | NT | | 0.002 |
| Di-n-butyl phthalate | <2.10 | U | NT | | 50 |
| Di-n-octyl phthalate | <1.15 | U | NT | | 50 |
| Dibenzo(a,h)anthracene | <1.60 | U | NT | | NS |
| Dibenzofuran | <2.47 | U | NT | | NS |
| Diethyl phthalate | <2.63 | U | NT | | 50 |
| Dimethyl phthalate | <1.96 | U | NT | | 50 |
| Fluoranthene | <1.27 | U | NT | | 50 |
| Fluorene | <1.88 | U | NT | | 50 |
| Hexachlorobenzene | <1.30 | U | NT | | 0.04 |
| Hexachlorobutadiene | <2.86 | U | NT | | 0.5 |
| Hexachlorocyclopentadiene | <2.59 | U | NT | | 5 |
| Hexachloroethane | <3.12 | U | NT | | 5 |
| Indeno(1,2,3-cd)pyrene | <1.74 | U | NT | | 0.002 |
| Isophorone | <2.75 | U | NT | | 50 |
| N-nitroso-di-n-propylamine | <2.63 | U | NT | | NS |
| N-Nitrosodimethylamine | <0.399 | U | NT | | NS |
| N-Nitrosodiphenylamine | <5.13 | U | NT | | 50 |
| Naphthalene | <2.04 | U | NT | | 10 |
| Nitrobenzene | <1.73 | U | NT | | 0.4 |
| Pentachlorophenol | <1.49 | U | NT | | 1 |
| Phenanthrene | <1.41 | U | NT | | 50 |
| Phenol | <1.13 | U | NT | | 1 |
| Pyrene | <1.77 | U | NT | | 50 |
| Pyridine | <4.01 | U | NT | | 50 |

**Table 2 (Cont.)**
**Blanks Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | Field Blank | | Trip Blank | | GQS |
|---|---|---|---|---|---|
| ***Pesticides/PCBs, EPA 8081/8082 List*** | | | | | |
| 4,4'-DDD | <0.00103 | U | NT | | NS |
| 4,4'-DDE | <0.00103 | U | NT | | NS |
| 4,4'-DDT | <0.00103 | U | NT | | NS |
| Aldrin | <0.00103 | U | NT | | NS |
| alpha-BHC | <0.00103 | U | NT | | NS |
| Aroclor 1016 | <0.0513 | U | NT | | NS |
| Aroclor 1221 | <0.0513 | U | NT | | NS |
| Aroclor 1232 | <0.0513 | U | NT | | NS |
| Aroclor 1242 | <0.0513 | U | NT | | NS |
| Aroclor 1248 | <0.0513 | U | NT | | NS |
| Aroclor 1254 | <0.0513 | U | NT | | NS |
| Aroclor 1260 | <0.0513 | U | NT | | NS |
| beta-BHC | <0.00103 | U | NT | | NS |
| Chlordane, total | <0.00410 | U | NT | | NS |
| delta-BHC | <0.00103 | U | NT | | NS |
| Dieldrin | <0.00103 | U | NT | | NS |
| Endosulfan I | <0.00103 | U | NT | | NS |
| Endosulfan II | <0.00103 | U | NT | | NS |
| Endosulfan sulfate | <0.00103 | U | NT | | NS |
| Endrin | <0.00103 | U | NT | | NS |
| Endrin aldehyde | <0.00103 | U | NT | | NS |
| Endrin ketone | <0.00103 | U | NT | | NS |
| gamma-BHC (Lindane) | <0.00103 | U | NT | | NS |
| Heptachlor | <0.00103 | U | NT | | NS |
| Heptachlor epoxide | <0.00103 | U | NT | | NS |
| Methoxychlor | <0.00513 | U | NT | | NS |
| Total PCBs | <0.0513 | U | NT | | NS |
| Toxaphene | <0.0513 | U | NT | | NS |

NOTES:
Column to the right of each sample results is 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

NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte

**Table 2 (Cont.)**

**Blanks Inorganic Analytical Results**

**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | Field Blank | | Trip Blank | | NYSDEC TOGS Standards and Guidance Values - GA |
|---|---|---|---|---|---|
| Sampling Date | 2/18/2013 | | 2/19/2013 | | |
| Matrix | DI Water | | DI Water | | |
| Units | ug/L | | ug/L | | ug/L |
| *Volatile Organics, 8260 List* | | | | | |
| Aluminum | <10 | U | NT | | NS |
| Antimony | <3 | U | NT | | 3 |
| Arsenic | <4 | U | NT | | 25 |
| Barium | <2 | U | NT | | 1000 |
| Beryllium | <1 | U | NT | | NS |
| Cadmium | <2 | U | NT | | 5 |
| Calcium | <19 | U | NT | | NS |
| Chromium, trivalent | <2 | U | NT | | 50 |
| Chromium, Hexavalent | <6.00 | U | NT | | 50 |
| Cobalt | <2 | U | NT | | NS |
| Copper | <2 | U | NT | | 200 |
| Iron | <10 | U | NT | | NS |
| Lead | <2 | U | NT | | 25 |
| Magnesium | **10** | **J** | NT | | 35000 |
| Manganese | <2 | U | NT | | 300 |
| Mercury | <0.04 | U | NT | | 0.7 |
| Nickel | **1** | **J** | NT | | 100 |
| Potassium | <26 | U | NT | | NS |
| Selenium | <7 | U | NT | | 10 |
| Silver | <2 | U | NT | | 50 |
| Sodium | **274** | | NT | | NS |
| Thallium | <3 | U | NT | | NS |
| Vanadium | <2 | U | NT | | NS |
| Zinc | **2** | **J** | NT | | NS |

NOTES:

Column to the right of each sample results is Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

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

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

**Table 3**
**Groundwater Samples Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | MW-1 | | MW-2 | | MW-3 | | Field Blank | | Trip Blank | | NYSDEC TOGS Standards and Guidance Values - GA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/21/2013 | | 2/21/2013 | | 2/21/2013 | | 2/21/2013 | | 2/21/2013 | | |
| Matrix | Groundwater | | Groundwater | | Groundwater | | DI Water | | DI Water | | |
| Units | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L |
| *Volatile Organics, 8260 List* | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.32 | U | <0.32 | U | <0.32 | U | <0.32 | U | <0.32 | U | 5 |
| 1,1,1-Trichloroethane | <0.23 | U | <0.23 | U | <0.23 | U | <0.23 | U | <0.23 | U | 5 |
| 1,1,2,2-Tetrachloroethane | <0.59 | U | <0.59 | U | <0.59 | U | <0.59 | U | <0.59 | U | 5 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1 | <0.34 | U | <0.34 | U | <0.34 | U | <0.34 | U | <0.34 | U | 5 |
| 1,1,2-Trichloroethane | <1.3 | U | <1.3 | U | <1.3 | U | <1.3 | U | <1.3 | U | 1 |
| 1,1-Dichloroethane | <0.42 | U | <0.42 | U | <0.42 | U | <0.42 | U | <0.42 | U | 5 |
| 1,1-Dichloroethylene | <0.52 | U | <0.52 | U | <0.52 | U | <0.52 | U | <0.52 | U | 5 |
| 1,1-Dichloropropylene | <0.26 | U | <0.26 | U | <0.26 | U | <0.26 | U | <0.26 | U | 5 |
| 1,2,3-Trichlorobenzene | <0.99 | U | <0.99 | U | <0.99 | U | <0.99 | U | <0.99 | U | 5 |
| 1,2,3-Trichloropropane | <0.73 | U | <0.73 | U | <0.73 | U | <0.73 | U | <0.73 | U | 0.04 |
| 1,2,4-Trichlorobenzene | <0.91 | U | <0.91 | U | <0.91 | U | <0.91 | U | <0.91 | U | 5 |
| 1,2,4-Trimethylbenzene | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | 5 |
| 1,2-Dibromo-3-chloropropane | <0.98 | U | <0.98 | U | <0.98 | U | <0.98 | U | <0.98 | U | 0.04 |
| 1,2-Dibromoethane | <0.44 | U | <0.44 | U | <0.44 | U | <0.44 | U | <0.44 | U | 5 |
| 1,2-Dichlorobenzene | <0.40 | U | <0.40 | U | <0.40 | U | <0.40 | U | <0.40 | U | 3 |
| 1,2-Dichloroethane | <0.36 | U | <0.36 | U | <0.36 | U | <0.36 | U | <0.36 | U | 0.6 |
| 1,2-Dichloropropane | <0.23 | U | <0.23 | U | <0.23 | U | <0.23 | U | <0.23 | U | 1 |
| 1,3,5-Trimethylbenzene | <0.48 | U | <0.48 | U | <0.48 | U | <0.48 | U | <0.48 | U | 5 |
| 1,3-Dichlorobenzene | <0.47 | U | <0.47 | U | <0.47 | U | <0.47 | U | <0.47 | U | 3 |
| 1,3-Dichloropropane | <0.55 | U | <0.55 | U | <0.55 | U | <0.55 | U | <0.55 | U | 5 |
| 1,4-Dichlorobenzene | <0.62 | U | <0.62 | U | <0.62 | U | <0.62 | U | <0.62 | U | 3 |
| 2,2-Dichloropropane | <0.42 | U | <0.42 | U | <0.42 | U | <0.42 | U | <0.42 | U | 5 |
| 2-Butanone | <1.5 | U | <1.5 | U | <1.5 | U | **1.50** | **J** | <1.5 | U | 50 |
| 2-Chlorotoluene | <0.43 | U | <0.43 | U | <0.43 | U | <0.43 | U | <0.43 | U | 5 |
| 4-Chlorotoluene | <0.31 | U | <0.31 | U | <0.31 | U | <0.31 | U | <0.31 | U | 5 |
| Acetone | <6.1 | U | <6.1 | U | <6.1 | U | **7.00** | **J** | **8.30** | **J** | 50 |
| Benzene | <0.30 | U | <0.30 | U | <0.30 | U | <0.30 | U | <0.30 | U | 1 |
| Bromobenzene | <1.0 | U | <1.0 | U | <1.0 | U | <1.0 | U | <1.0 | U | 5 |
| Bromochloromethane | <0.54 | U | <0.54 | U | <0.54 | U | <0.54 | U | <0.54 | U | 5 |
| Bromodichloromethane | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | 50 |
| Bromoform | <0.58 | U | <0.58 | U | <0.58 | U | <0.58 | U | <0.58 | U | 50 |
| Bromomethane | <2.0 | U | <2.0 | U | <2.0 | U | <2.0 | U | <2.0 | U | 5 |
| Carbon tetrachloride | <0.56 | U | <0.56 | U | <0.56 | U | <0.56 | U | <0.56 | U | 5 |
| Chlorobenzene | <0.38 | U | <0.38 | U | <0.38 | U | <0.38 | U | <0.38 | U | 5 |
| Chloroethane | <2.8 | U | <2.8 | U | <2.8 | U | <2.8 | U | <2.8 | U | 5 |
| Chloroform | **2.20** | **J** | <0.42 | U | **1.40** | **J** | <0.42 | U | <0.42 | U | 7 |
| Chloromethane | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | 5 |
| cis-1,2-Dichloroethylene | <0.43 | U | <0.43 | U | <0.43 | U | <0.43 | U | <0.43 | U | 5 |
| cis-1,3-Dichloropropylene | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | <0.41 | U | 0.4 |
| Dibromochloromethane | <0.39 | U | <0.39 | U | <0.39 | U | <0.39 | U | <0.39 | U | 50 |
| Dibromomethane | <0.58 | U | <0.58 | U | <0.58 | U | <0.58 | U | <0.58 | U | NS |
| Dichlorodifluoromethane | <0.35 | U | <0.35 | U | <0.35 | U | <0.35 | U | <0.35 | U | 5 |
| Ethyl Benzene | <0.25 | U | <0.25 | U | <0.25 | U | <0.25 | U | <0.25 | U | 5 |
| Hexachlorobutadiene | <0.68 | U | <0.68 | U | <0.68 | U | <0.68 | U | <0.68 | U | 0.5 |
| Isopropylbenzene | <0.63 | U | <0.63 | U | <0.63 | U | <0.63 | U | <0.63 | U | 5 |
| Methyl tert-butyl ether (MTBE) | <0.53 | U | <0.53 | U | <0.53 | U | <0.53 | U | <0.53 | U | 10 |
| Methylene chloride | **2.6** | J,B | **2.6** | J,B | **2.9** | J,B | **3.0** | J,B | **2.8** | J,B | 5 |
| n-Butylbenzene | <0.30 | U | <0.30 | U | <0.30 | U | <0.30 | U | <0.30 | U | 5 |
| n-Propylbenzene | <0.54 | U | <0.54 | U | <0.54 | U | <0.54 | U | <0.54 | U | 5 |
| Naphthalene | <1.2 | U | <1.2 | U | <1.2 | U | <1.2 | U | <1.2 | U | 10 |
| o-Xylene | <0.21 | U | <0.21 | U | <0.21 | U | <0.21 | U | <0.21 | U | 5 |
| p- & m- Xylenes | <0.53 | U | <0.53 | U | <0.53 | U | <0.53 | U | <0.53 | U | 5 |
| p-Isopropyltoluene | <0.34 | U | <0.34 | U | <0.34 | U | <0.34 | U | <0.34 | U | 5 |
| sec-Butylbenzene | <0.59 | U | <0.59 | U | <0.59 | U | <0.59 | U | <0.59 | U | 5 |
| Styrene | <0.22 | U | <0.22 | U | <0.22 | U | <0.22 | U | <0.22 | U | 5 |
| tert-Butylbenzene | <1.4 | U | <1.4 | U | <1.4 | U | <1.4 | U | <1.4 | U | 5 |
| Tetrachloroethylene | <0.41 | U | **1.00** | **J** | **2.10** | **J** | <0.41 | U | <0.41 | U | 5 |
| Toluene | <0.17 | U | <0.17 | U | <0.17 | U | <0.17 | U | <0.17 | U | 5 |
| trans-1,2-Dichloroethylene | <0.52 | U | <0.52 | U | <0.52 | U | <0.52 | U | <0.52 | U | 5 |
| trans-1,3-Dichloropropylene | <0.67 | U | <0.67 | U | <0.67 | U | <0.67 | U | <0.67 | U | 0.4 |
| Trichloroethylene | <0.16 | U | <0.16 | U | <0.16 | U | <0.16 | U | <0.16 | U | 5 |
| Trichlorofluoromethane | <0.54 | U | <0.54 | U | <0.54 | U | <0.54 | U | <0.54 | U | 5 |
| Vinyl acetate | <0.73 | U | <0.73 | U | <0.73 | U | <0.73 | U | <0.73 | U | NS |
| Vinyl Chloride | <0.68 | U | <0.68 | U | <0.68 | U | <0.68 | U | <0.68 | U | 2 |
| Total VOCs | **2.2** | | **1** | | **3.5** | | **8.5** | | **8.3** | | NS |
| *Semi-Volatiles, 8270 Target List* | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | <2.60 | U | <2.60 | U,EXT-D | <2.47 | U | <2.47 | U | NT | | 5 |
| 1,2-Dichlorobenzene | <2.62 | U | <2.62 | U,EXT-D | <2.49 | U | <2.49 | U | NT | | 3 |
| 1,3-Dichlorobenzene | <2.75 | U | <2.75 | U,EXT-D | <2.61 | U | <2.61 | U | NT | | 3 |
| 1,4-Dichlorobenzene | <2.33 | U | <2.33 | U,EXT-D | <2.21 | U | <2.21 | U | NT | | 3 |
| 2,4,5-Trichlorophenol | <2.01 | U | <2.01 | U,EXT-D | <1.91 | U | <1.91 | U | NT | | 1 |
| 2,4,6-Trichlorophenol | <1.84 | U | <1.84 | U,EXT-D | <1.75 | U | <1.75 | U | NT | | 1 |
| 2,4-Dichlorophenol | <1.99 | U | <1.99 | U,EXT-D | <1.89 | U | <1.89 | U | NT | | 5 |
| 2,4-Dimethylphenol | <1.68 | U | <1.68 | U,EXT-D | <1.60 | U | <1.60 | U | NT | | 50 |
| 2,4-Dinitrophenol | <2.37 | U | <2.37 | U,EXT-D | <2.25 | U | <2.25 | U | NT | | 10 |
| 2,4-Dinitrotoluene | <1.69 | U | <1.69 | U,EXT-D | <1.61 | U | <1.61 | U | NT | | 5 |
| 2,6-Dinitrotoluene | <1.69 | U | <1.69 | U,EXT-D | <1.61 | U | <1.61 | U | NT | | 5 |
| 2-Chloronaphthalene | <2.32 | U | <2.32 | U,EXT-D | <2.20 | U | <2.20 | U | NT | | 10 |

**Table 3 (Cont.)**
**Groundwater Samples Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | MW-1 | | MW-2 | | MW-3 | | Field Blank | | Trip Blank | | GQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Semi-Volatiles, 8270 Target List*** | | | | | | | | | | | |
| 2-Chlorophenol | <1.88 | U | <1.88 | U,EXT-D | <1.79 | U | <1.79 | U | NT | | 1 |
| 2-Methylnaphthalene | <2.91 | U | <2.91 | U,EXT-D | <2.76 | U | <2.76 | U | NT | | NS |
| 2-Methylphenol | <1.22 | U | <1.22 | U,EXT-D | <1.16 | U | <1.16 | U | NT | | 1 |
| 2-Nitroaniline | <1.77 | U | <1.77 | U,EXT-D | <1.68 | U | <1.68 | U | NT | | 5 |
| 2-Nitrophenol | <2.48 | U | <2.48 | U,EXT-D | <2.36 | U | <2.36 | U | NT | | 1 |
| 3,3'-Dichlorobenzidine | <1.34 | U | <1.34 | U,EXT-D | <1.27 | U | <1.27 | U | NT | | 5 |
| 3- & 4-Methylphenols | <1.18 | U | <1.18 | U,EXT-D | <1.12 | U | <1.12 | U | NT | | NS |
| 3-Nitroaniline | <1.77 | U | <1.77 | U,EXT-D | <1.68 | U | <1.68 | U | NT | | 5 |
| 4,6-Dinitro-2-methylphenol | <1.71 | U | <1.71 | U,EXT-D | <1.62 | U | <1.62 | U | NT | | NS |
| 4-Bromophenyl phenyl ether | <1.40 | U | <1.40 | U,EXT-D | <1.33 | U | <1.33 | U | NT | | NS |
| 4-Chloro-3-methylphenol | <1.99 | U | <1.99 | U,EXT-D | <1.89 | U | <1.89 | U | NT | | 1 |
| 4-Chloroaniline | <3.14 | U | <3.14 | U,EXT-D | <2.98 | U | <2.98 | U | NT | | 5 |
| 4-Chlorophenyl phenyl ether | <2.58 | U | <2.58 | U,EXT-D | <2.45 | U | <2.45 | U | NT | | NS |
| 4-Nitroaniline | <2.82 | U | <2.82 | U,EXT-D | <2.68 | U | <2.68 | U | NT | | 5 |
| 4-Nitrophenol | <1.75 | U | <1.75 | U,EXT-D | <1.66 | U | <1.66 | U | NT | | 1 |
| Acenaphthene | <1.86 | U | <1.86 | U,EXT-D | <1.77 | U | <1.77 | U | NT | | 20 |
| Acenaphthylene | <1.83 | U | <1.83 | U,EXT-D | <1.74 | U | <1.74 | U | NT | | NS |
| Aniline | <1.58 | U | <1.58 | U,EXT-D | <1.50 | U | <1.50 | U | NT | | 5 |
| Anthracene | <1.25 | U | <1.25 | U,EXT-D | <1.19 | U | <1.19 | U | NT | | 50 |
| Benzo(a)anthracene | <1.38 | U | <1.38 | U,EXT-D | <1.31 | U | <1.31 | U | NT | | 0.002 |
| Benzo(a)pyrene | <1.37 | U | <1.37 | U,EXT-D | <1.30 | U | <1.30 | U | NT | | 0.002 |
| Benzo(b)fluoranthene | <1.48 | U | <1.48 | U,EXT-D | <1.41 | U | <1.41 | U | NT | | 0.002 |
| Benzo(g,h,i)perylene | <1.80 | U | <1.80 | U,EXT-D | <1.71 | U | <1.71 | U | NT | | NS |
| Benzo(k)fluoranthene | <1.93 | U | <1.93 | U,EXT-D | <1.83 | U | <1.83 | U | NT | | 0.002 |
| Benzyl alcohol | <1.53 | U | <1.53 | U,EXT-D | <1.45 | U | <1.45 | U | NT | | NS |
| Benzyl butyl phthalate | <0.897 | U | <0.897 | U,EXT-D | <0.852 | U | <0.852 | U | NT | | 50 |
| Bis(2-chloroethoxy)methane | <1.86 | U | <1.86 | U,EXT-D | <1.77 | U | <1.77 | U | NT | | 5 |
| Bis(2-chloroethyl)ether | <1.58 | U | <1.58 | U,EXT-D | <1.50 | U | <1.50 | U | NT | | 1 |
| Bis(2-chloroisopropyl)ether | <3.15 | U | <3.15 | U,EXT-D | <2.99 | U | <2.99 | U | NT | | 5 |
| Bis(2-ethylhexyl)phthalate | <5.03 | U | <5.03 | U,EXT-D | **22.20** | | <4.78 | U | NT | | 5 |
| Chrysene | <1.55 | U | <1.55 | U,EXT-D | <1.47 | U | <1.47 | U | NT | | 0.002 |
| Di-n-butyl phthalate | <2.16 | U | <2.16 | U,EXT-D | <2.05 | U | <2.05 | U | NT | | 50 |
| Di-n-octyl phthalate | <1.18 | U | <1.18 | U,EXT-D | <1.12 | U | <1.12 | U | NT | | 50 |
| Dibenzo(a,h)anthracene | <1.64 | U | <1.64 | U,EXT-D | <1.56 | U | <1.56 | U | NT | | NS |
| Dibenzofuran | <2.54 | U | <2.54 | U,EXT-D | <2.41 | U | <2.41 | U | NT | | NS |
| Diethyl phthalate | <2.69 | U | <2.69 | U,EXT-D | <2.56 | U | **3.21** | **J** | NT | | 50 |
| Dimethyl phthalate | <2.01 | U | <2.01 | U,EXT-D | <1.91 | U | <1.91 | U | NT | | 50 |
| Fluoranthene | <1.31 | U | <1.31 | U,EXT-D | <1.24 | U | <1.24 | U | NT | | 50 |
| Fluorene | <1.93 | U | <1.93 | U,EXT-D | <1.83 | U | <1.83 | U | NT | | 50 |
| Hexachlorobenzene | <1.34 | U | <1.34 | U,EXT-D | <1.27 | U | <1.27 | U | NT | | 0.04 |
| Hexachlorobutadiene | <2.94 | U | <2.94 | U,EXT-D | <2.79 | U | <2.79 | U | NT | | 0.5 |
| Hexachlorocyclopentadiene | <2.66 | U | <2.66 | U,EXT-D | <2.53 | U | <2.53 | U | NT | | 5 |
| Hexachloroethane | <3.20 | U | <3.20 | U,EXT-D | <3.04 | U | <3.04 | U | NT | | 5 |
| Indeno(1,2,3-cd)pyrene | <1.79 | U | <1.79 | U,EXT-D | <1.70 | U | <1.70 | U | NT | | 0.002 |
| Isophorone | <2.82 | U | <2.82 | U,EXT-D | <2.68 | U | <2.68 | U | NT | | 50 |
| N-nitroso-di-n-propylamine | <2.69 | U | <2.69 | U,EXT-D | <2.56 | U | <2.56 | U | NT | | NS |
| N-Nitrosodimethylamine | <0.409 | U | <0.409 | U,EXT-D | <0.389 | U | <0.389 | U | NT | | NS |
| N-Nitrosodiphenylamine | <5.26 | U | <5.26 | U,EXT-D | <5.00 | U | <5.00 | U | NT | | 50 |
| Naphthalene | <2.09 | U | <2.09 | U,EXT-D | <1.99 | U | <1.99 | U | NT | | 10 |
| Nitrobenzene | <1.78 | U | <1.78 | U,EXT-D | <1.69 | U | <1.69 | U | NT | | 0.4 |
| Pentachlorophenol | <1.53 | U | <1.53 | U,EXT-D | <1.45 | U | <1.45 | U | NT | | 1 |
| Phenanthrene | <1.44 | U | <1.44 | U,EXT-D | <1.37 | U | <1.37 | U | NT | | 50 |
| Phenol | <1.16 | U | <1.16 | U,EXT-D | <1.10 | U | **1.43** | **J** | NT | | 1 |
| Pyrene | <1.82 | U | <1.82 | U,EXT-D | <1.73 | U | <1.73 | U | NT | | 50 |
| Pyridine | <4.12 | U | <4.12 | U,EXT-D | <3.91 | U | <3.91 | U | NT | | 50 |
| Total SVOCs | ND | | ND | | **22.2** | | **4.64** | | NT | | NS |
| ***Pesticides/PCBs, EPA 8081/8082 List*** | | | | | | | | | | | |
| 4,4'-DDD | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| 4,4'-DDE | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| 4,4'-DDT | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Aldrin | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| alpha-BHC | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Aroclor 1016 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Aroclor 1221 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Aroclor 1232 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Aroclor 1242 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Aroclor 1248 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Aroclor 1254 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Aroclor 1260 | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| beta-BHC | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Chlordane, total | 0.00410 | U | <0.00103 | U | <0.00103 | U | <0.00421 | U | NT | | NS |
| delta-BHC | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Dieldrin | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Endosulfan I | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Endosulfan II | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Endosulfan sulfate | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Endrin | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Endrin aldehyde | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |

**Table 3 (Cont.)**
**Groundwater Samples Organic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | MW-1 | | MW-2 | | MW-3 | | Field Blank | | Trip Blank | | GQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Pesticides/PCBs, EPA 8081/8082 List*** | | | | | | | | | | | |
| Endrin ketone | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| gamma-BHC (Lindane) | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Heptachlor | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Heptachlor epoxide | <0.00103 | U | <0.00103 | U | <0.00103 | U | <0.00105 | U | NT | | NS |
| Methoxychlor | <0.00513 | U | <0.00513 | U | <0.00513 | U | <0.00526 | U | NT | | NS |
| Total PCBs | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |
| Toxaphene | <0.0513 | U | <0.0513 | U | <0.0513 | U | <0.0526 | U | NT | | NS |

NOTES:
Column to the right of each sample results is Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
B=analyte found in the analysis batch blank

NS=this indicates that no regulatory standard has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

**Table 3 (Cont.)**
**Groundwater Samples Inorganic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | MW-1 | | MW-2 | | MW-3 | | Field Blank | | Trip Blank | | NYSDEC TOGS Standards and Guidance Values - GA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/21/2013 | | 2/21/2013 | | 2/21/2013 3:00:00 PM | | 2/21/2013 | | 2/21/2013 | | |
| Matrix | Groundwater | | Groundwater | | Groundwater | | DI Water | | DI Water | | |
| Units | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L |
| *Metals, Target Analyte, Total* | | | | | | | | | | | |
| Aluminum | **708** | | **8680** | | **753** | | <10 | U | NT | | NS |
| Antimony | <3 | U | <3 | U | <3 | U | <3 | U | NT | | 3 |
| Arsenic | <4 | U | <4 | U | <4 | U | <4 | U | NT | | 25 |
| Barium | **92** | | **629** | | **67** | | <2 | U | NT | | 1000 |
| Beryllium | 1 | U | **1** | | <1 | U | <1 | U | NT | | NS |
| Cadmium | <2 | U | <2 | U | <2 | U | <2 | U | NT | | 5 |
| Calcium | **76300** | | **400000** | | **120000** | | <19 | U | NT | | NS |
| Chromium, Trivalent | **2** | U | **52** | | **2** | U | <8.00 | U | NT | | 50 |
| Chromium, Hexavalent | <6.00 | U,HT-02 | <6.00 | U,HT-02 | <6.00 | U,HT-02 | <6.00 | U,HT-02 | NT | | 50 |
| Cobalt | **2** | **J** | **59** | | **2** | **J** | <2 | U | NT | | NS |
| Copper | **6** | | **85** | | **2** | **J** | <2 | U | NT | | 200 |
| Iron | **1080** | | **16700** | | **1240** | | <10 | U | NT | | NS |
| Lead | **27** | | **302** | | **2** | **J** | <2 | U | NT | | 25 |
| Magnesium | **23300** | | **117000** | | **36500** | | <10 | U | NT | | 35000 |
| Manganese | **411** | | **3860** | | **202** | | <2 | U | NT | | 300 |
| Mercury | <0.04 | U | **0.9** | | <0.04 | U | <0.04 | U | NT | | 0.7 |
| Nickel | **5** | | **52** | | **1** | **J** | **1** | **J** | NT | | 100 |
| Potassium | **3660** | | **8790** | | **5530** | | <26 | U | NT | | NS |
| Selenium | <7 | U | **16** | | <7 | U | <7 | U | NT | | 10 |
| Silver | <2 | U | <2 | U | <2 | U | <2 | U | NT | | 50 |
| Sodium | **144000** | | **93900** | | **56000** | | **61** | **J** | NT | | NS |
| Thallium | <3 | U | <3 | U | <3 | U | <3 | U | NT | | NS |
| Vanadium | **2** | **J** | **27** | | **2** | **J** | <2 | U | NT | | NS |
| Zinc | <46 | | **313** | | **24** | | **2** | **J** | NT | | NS |

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

NS=this indicates that no regulatory standard has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

**Table 3 (Cont.)**
**Groundwater Samples Inorganic Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | MW-1 | | MW-2 | | MW-3 | | Field Blank | | Trip Blank | | NYSDEC TOGS Standards and Guidance Values - GA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/21/2013 | | 2/21/2013 | | 2/21/2013 3:00:00 PM | | 2/21/2013 | | 2/21/2013 | | |
| Matrix | Groundwater | | Groundwater | | Groundwater | | DI Water | | DI Water | | |
| Units | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | | ug/L |
| *Metals, Target Analyte, Dissolved* | | | | | | | | | | | |
| Aluminum | <10 | U | **452** | | **11** | | <10 | U | NT | | NS |
| Antimony | <3 | U | <3 | U | <3 | U | <3 | U | NT | | 3 |
| Arsenic | <4 | U | <4 | U | <4 | U | <4 | U | NT | | 25 |
| Barium | **66** | | **101** | | **59** | | <2 | U | NT | | 1000 |
| Beryllium | <1 | U | <1 | U | <1 | U | <1 | U | NT | | NS |
| Cadmium | <2 | U | <2 | U | <2 | U | <2 | U | NT | | 5 |
| Calcium | 75200 | | **112000** | | **117000** | | <19 | U | NT | | NS |
| Chromium, Trivalent | <8.00 | U | <8.00 | U | <8.00 | U | <8.00 | U | NT | | 50 |
| Chromium, Hexavalent | <6.00 | U,HT-02 | <6.00 | U,HT-02 | <6.00 | U,HT-02 | <6.00 | U,HT-02 | NT | | 50 |
| Cobalt | <2 | U | <2 | U | <2 | U | <2 | U | NT | | NS |
| Copper | <2 | U | <2 | U | <2 | U | <2 | U | NT | | 200 |
| Iron | **67** | | **531** | | **72** | | <10 | U | NT | | NS |
| Lead | <2 | U | <2 | U | <2 | U | <2 | U | NT | | 25 |
| Magnesium | **22400** | | **36100** | | **35100** | | **59** | | NT | | 35000 |
| Manganese | **237** | | **798** | | **142** | | <2 | U | NT | | 300 |
| Mercury | <0.03900 | U | <0.03900 | U | <0.03900 | U | <0.03900 | U | NT | | 0.7 |
| Nickel | 1 | U | **6** | | <1 | U | <1 | U | NT | | 100 |
| Potassium | **3530** | | **5140** | | **5480** | | <26 | U | NT | | NS |
| Selenium | <7 | U | <7 | U | <7 | U | <7 | U | NT | | 10 |
| Silver | <2 | U | <2 | U | <2 | U | <2 | U | NT | | 50 |
| Sodium | **144000** | | **89800** | | **56100** | | **112** | | NT | | NS |
| Thallium | <3 | U | <3 | U | <3 | U | <3 | U | NT | | NS |
| Vanadium | <2 | U | <2 | U | <2 | U | <2 | U | NT | | NS |
| Zinc | **23** | | <2 | U | <2 | U | <2 | U | NT | | NS |

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

NS=this indicates that no regulatory standard has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

**Table 4**
**Soil Vapor Analytical Results**
**3357-3361 3rd Avenue, Bronx, New York**

| SampleID | SV-1 | | SV-2 | | SV-3 | | SV-4 | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | 2/21/2013 | | 2/21/2013 | | 2/21/2013 | | 2/21/2013 | |
| Matrix | Soil Vapor | | Soil Vapor | | Soil Vapor | | Soil Vapor | |
| Units | ug/m³ | | ug/m³ | | ug/m³ | | ug/m³ | |
| *Volatile Organics, EPA TO15 Full List* | | | | | | | | |
| 1,1,1-Trichloroethane | <11 | U | **29** | **D** | <15 | U | <9.1 | U |
| 1,1,2,2-Tetrachloroethane | <14 | U | <15 | U | <19 | U | <11 | U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane ( | <15 | U | <17 | U | <21 | U | <13 | U |
| 1,1,2-Trichloroethane | <11 | U | <12 | U | <15 | U | <9.1 | U |
| 1,1-Dichloroethane | <8.0 | U | <8.9 | U | <11 | U | <6.8 | U |
| 1,1-Dichloroethylene | <7.8 | U | <8.7 | U | <11 | U | <6.6 | U |
| 1,2,4-Trichlorobenzene | <15 | U | <16 | U | <21 | U | <12 | U |
| 1,2,4-Trimethylbenzene | **27** | **D** | **41** | **D** | **29** | **D** | **15** | **D** |
| 1,2-Dibromoethane | <15 | U | <17 | U | <21 | U | <13 | U |
| 1,2-Dichlorobenzene | <12 | U | <13 | U | <17 | U | <10 | U |
| 1,2-Dichloroethane | <8.0 | U | <8.9 | U | <11 | U | <6.8 | U |
| 1,2-Dichloropropane | <9.1 | U | <10 | U | <13 | U | <7.7 | U |
| 1,2-Dichlorotetrafluoroethane | <14 | U | <15 | U | <19 | U | <12 | U |
| 1,3,5-Trimethylbenzene | **14** | **D** | **16** | **D** | <14 | U | <8.2 | U |
| 1,3-Butadiene | <8.6 | U | <9.5 | U | <12 | U | <7.3 | U |
| 1,3-Dichlorobenzene | <12 | U | <13 | U | <17 | U | <10 | U |
| 1,4-Dichlorobenzene | <12 | U | <13 | U | <17 | U | <10 | U |
| 1,4-Dioxane | <7.1 | U | <7.9 | U | <10 | U | <6.0 | U |
| 2-Butanone | <5.8 | U | <6.5 | U | <8.2 | U | <4.9 | U |
| 2-Hexanone | <8.1 | U | <9.0 | U | <11 | U | <6.9 | U |
| 4-Methyl-2-pentanone | <8.1 | U | <9.0 | U | <11 | U | <6.9 | U |
| Acetone | **130** | **D** | **290** | **D** | **250** | **D** | **110** | **D** |
| Benzene | <6.3 | U | <7.0 | U | <8.9 | U | <5.3 | U |
| Benzyl chloride | <10 | U | <11 | U | <14 | U | <8.7 | U |
| Bromodichloromethane | <12 | U | <14 | U | <17 | U | <10 | U |
| Bromoform | <20 | U | <23 | U | <29 | U | <17 | U |
| Bromomethane | <7.7 | U | <8.5 | U | <11 | U | <6.5 | U |
| Carbon disulfide | <6.2 | U | **6.9** | **D** | <8.6 | U | <5.2 | U |
| Carbon tetrachloride | <6.2 | U | <6.9 | U | <8.7 | U | <5.3 | U |
| Chlorobenzene | <9.1 | U | <10 | U | <13 | U | <7.7 | U |
| Chloroethane | <5.2 | U | <5.8 | U | <7.3 | U | <4.4 | U |
| Chloroform | **17** | **D** | **14** | **D** | <14 | U | **62** | **D** |
| Chloromethane | 4.1 | U | <4.5 | U | <5.7 | U | <3.5 | U |
| cis-1,2-Dichloroethylene | <7.8 | U | <8.7 | U | <11 | U | <6.6 | U |
| cis-1,3-Dichloropropylene | <9.0 | U | <10 | U | <13 | U | <7.6 | U |
| Cyclohexane | <6.8 | U | <7.6 | U | <9.5 | U | <5.8 | U |
| Dibromochloromethane | <16 | U | <18 | U | <22 | U | <13 | U |
| Dichlorodifluoromethane | <9.8 | U | <11 | U | <14 | U | <8.3 | U |
| Ethyl acetate | <7.1 | U | <7.9 | U | <10 | U | <6.0 | U |
| Ethyl Benzene | **17** | **D** | **23** | **D** | **19** | **D** | **12** | **D** |
| Hexachlorobutadiene | <21 | U | <23 | U | <30 | U | <18 | U |
| Isopropanol | <4.9 | U | <5.4 | U | <6.8 | U | <4.1 | U |
| Methyl Methacrylate | <8.1 | U | <9.0 | U | <11 | U | <6.8 | U |
| Methyl tert-butyl ether (MTBE) | <7.1 | U | <7.9 | U | <10 | U | <6.0 | U |
| Methylene chloride | **14** | **D** | **17** | **D** | **20** | **D** | **14** | **D** |
| n-Heptane | <8.1 | U | <9.0 | U | <11 | U | <6.9 | U |
| n-Hexane | <7.0 | U | <7.8 | U | <9.8 | U | <5.9 | U |
| o-Xylene | **25** | **D** | **33** | **D** | **25** | **D** | **15** | **D** |
| p- & m- Xylenes | **51** | **D** | **77** | **D** | **60** | **D** | **36** | **D** |
| p-Ethyltoluene | <49 | U | <54 | U | <68 | U | <41 | U |
| Propylene | <3.4 | U | <3.8 | U | <4.8 | U | <2.9 | U |
| Styrene | <8.4 | U | <9.4 | U | <12 | U | <7.1 | U |
| Tetrachloroethylene | <13 | U | **61** | **D** | **32** | **D** | <11 | U |
| Tetrahydrofuran | <5.8 | U | <6.5 | U | <8.2 | U | <4.9 | U |
| Toluene | **35** | **D** | **74** | **D** | **71** | **D** | **50** | **D** |
| trans-1,2-Dichloroethylene | <7.8 | U | <8.7 | U | <11 | U | <6.6 | U |
| trans-1,3-Dichloropropylene | <9.0 | U | <10 | U | <13 | U | <7.6 | U |
| Trichloroethylene | <5.3 | U | <5.9 | U | <7.4 | U | <4.5 | U |
| Trichlorofluoromethane (Freon 11) | <11 | U | **19** | **D** | <16 | U | <9.4 | U |
| Vinyl acetate | <7.0 | U | <7.7 | U | <9.8 | U | <5.9 | U |
| Vinyl Chloride | <5.1 | U | <5.6 | U | <7.1 | U | <4.3 | U |

NOTES:
Column to the right of each sample results is Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution

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

# APPENDICES

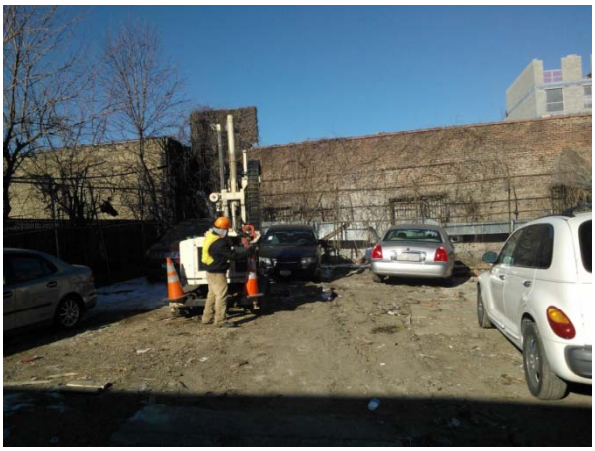
# APPENDIX-A

# PREVIOUS INVESTIGATIONS (CD-ROM)

# APPENDIX-B

# PHOTOGRAPHS

**GPR Survey**

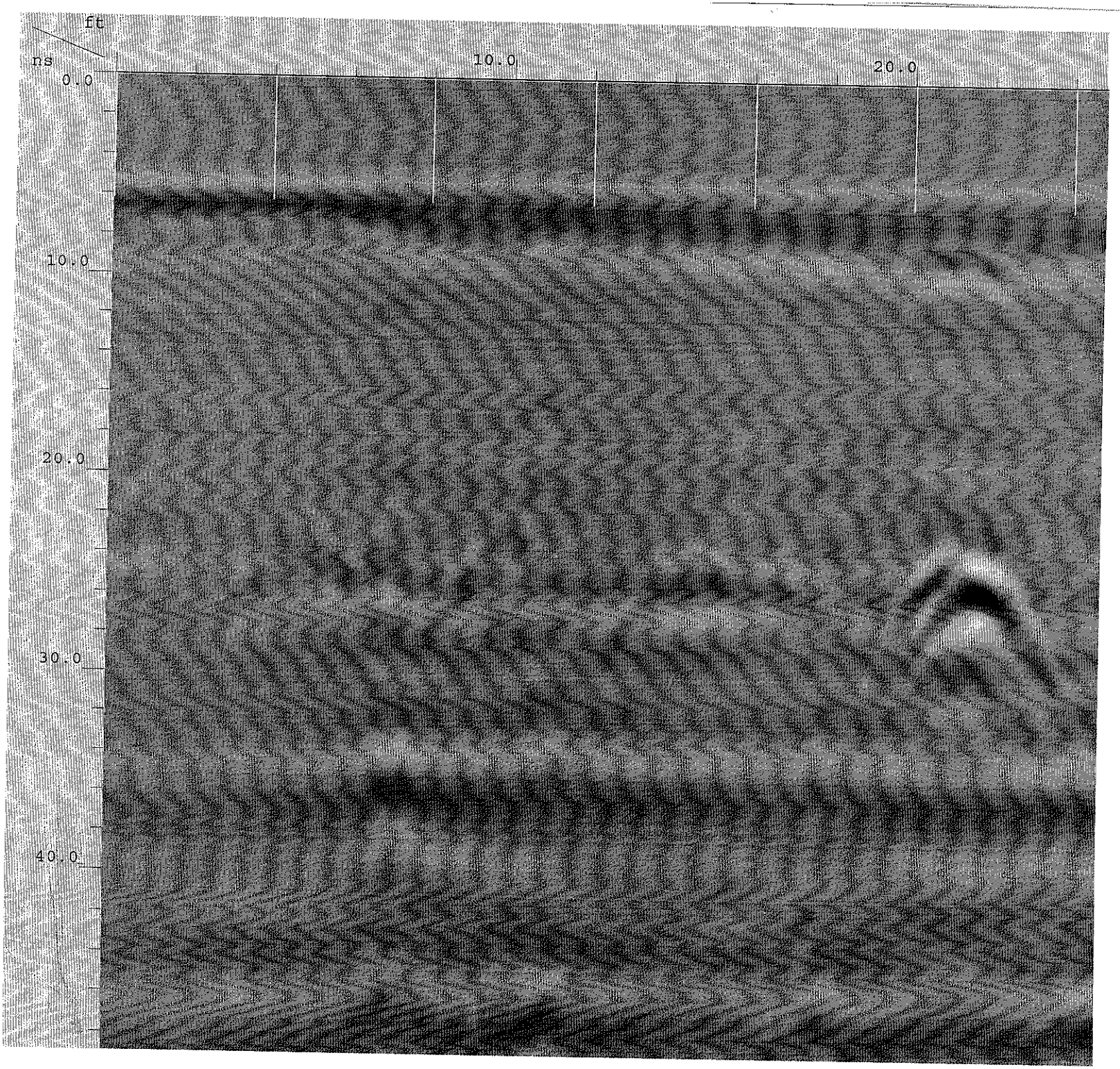


**Installation of Soil Probes, Monitoring Wells and Soil Vapor Implants**

**Soil Vapor Sampling**

# APPENDIX-C

# GPR SUMMARY REPORT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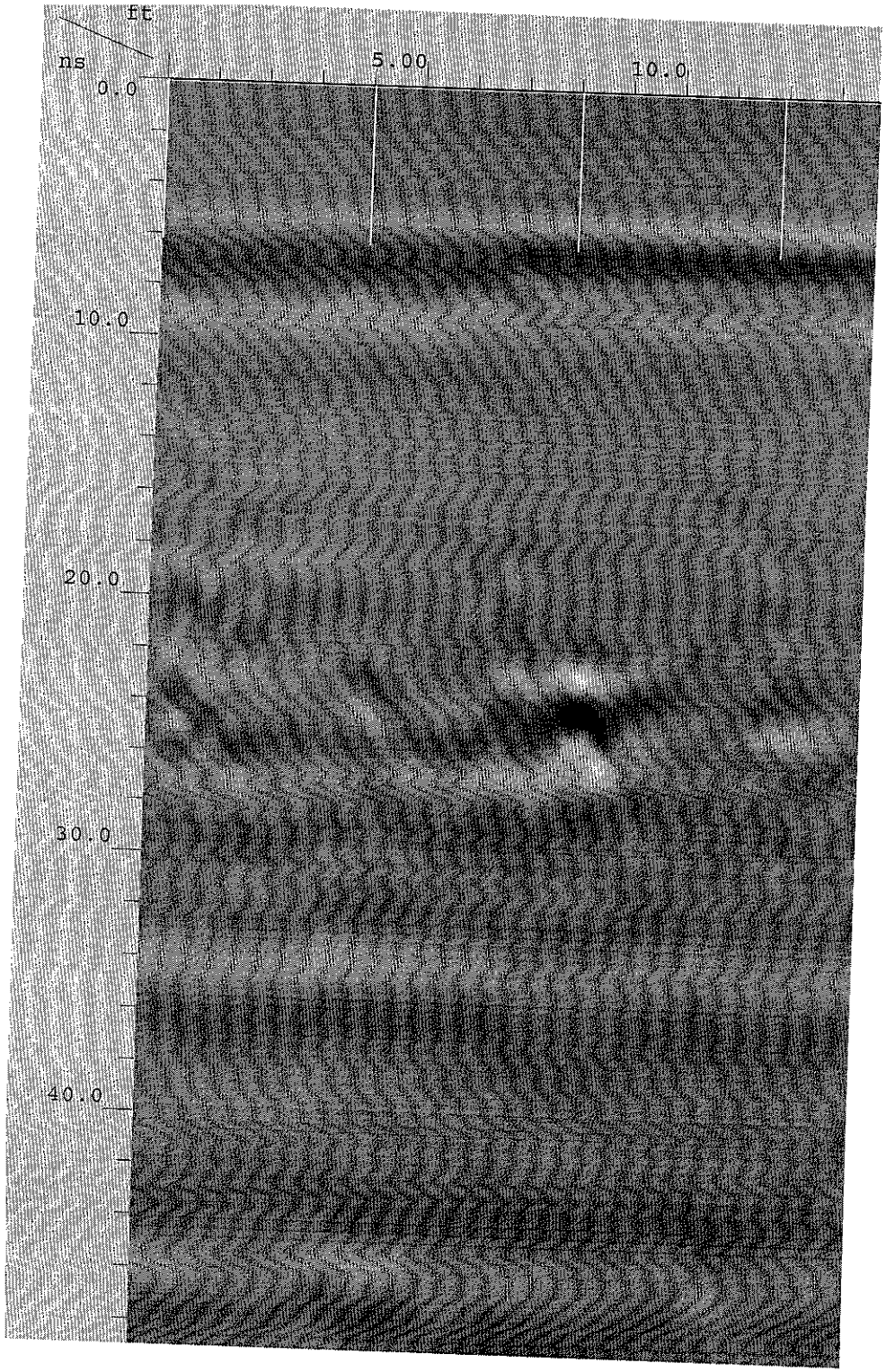
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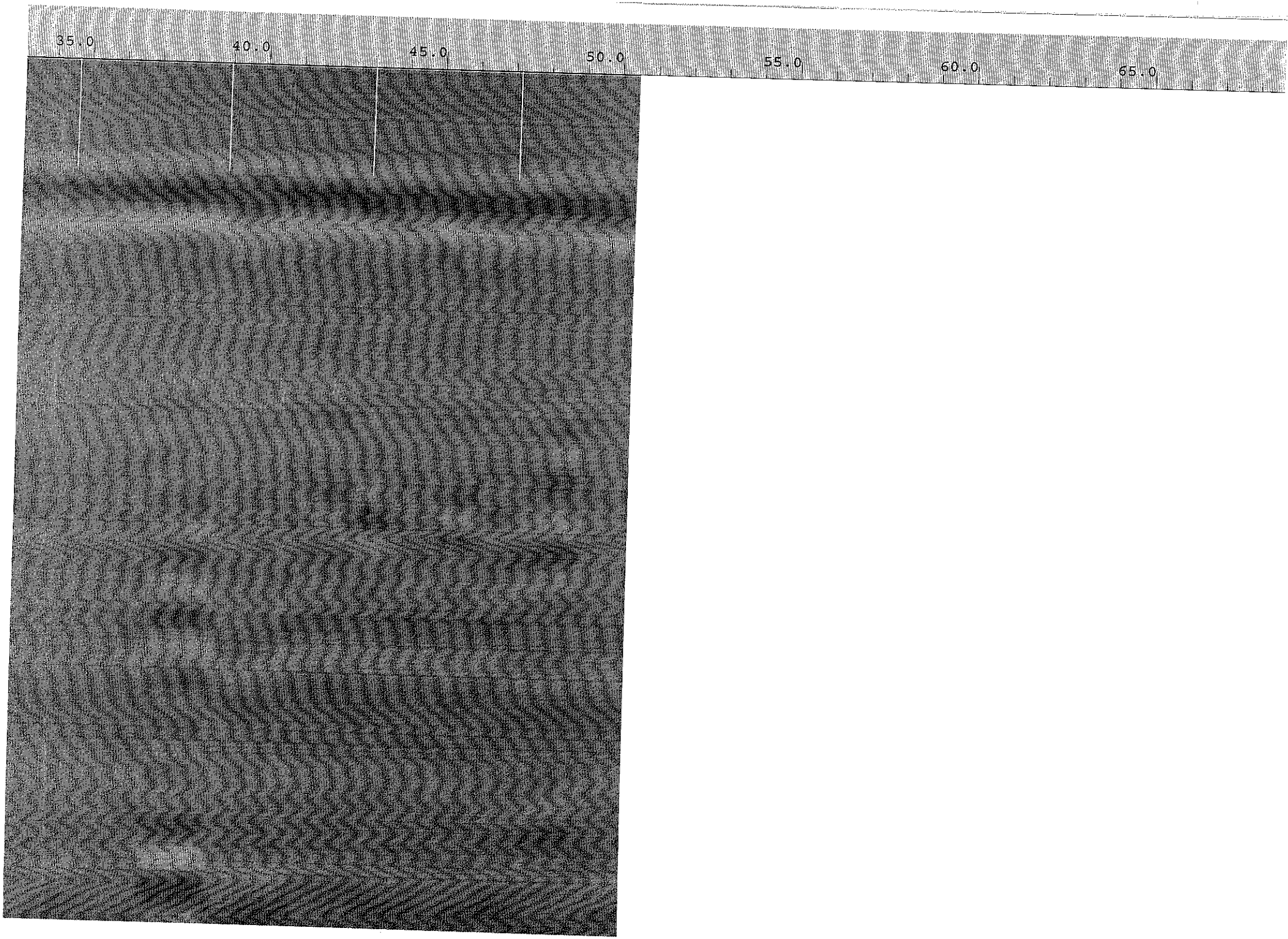
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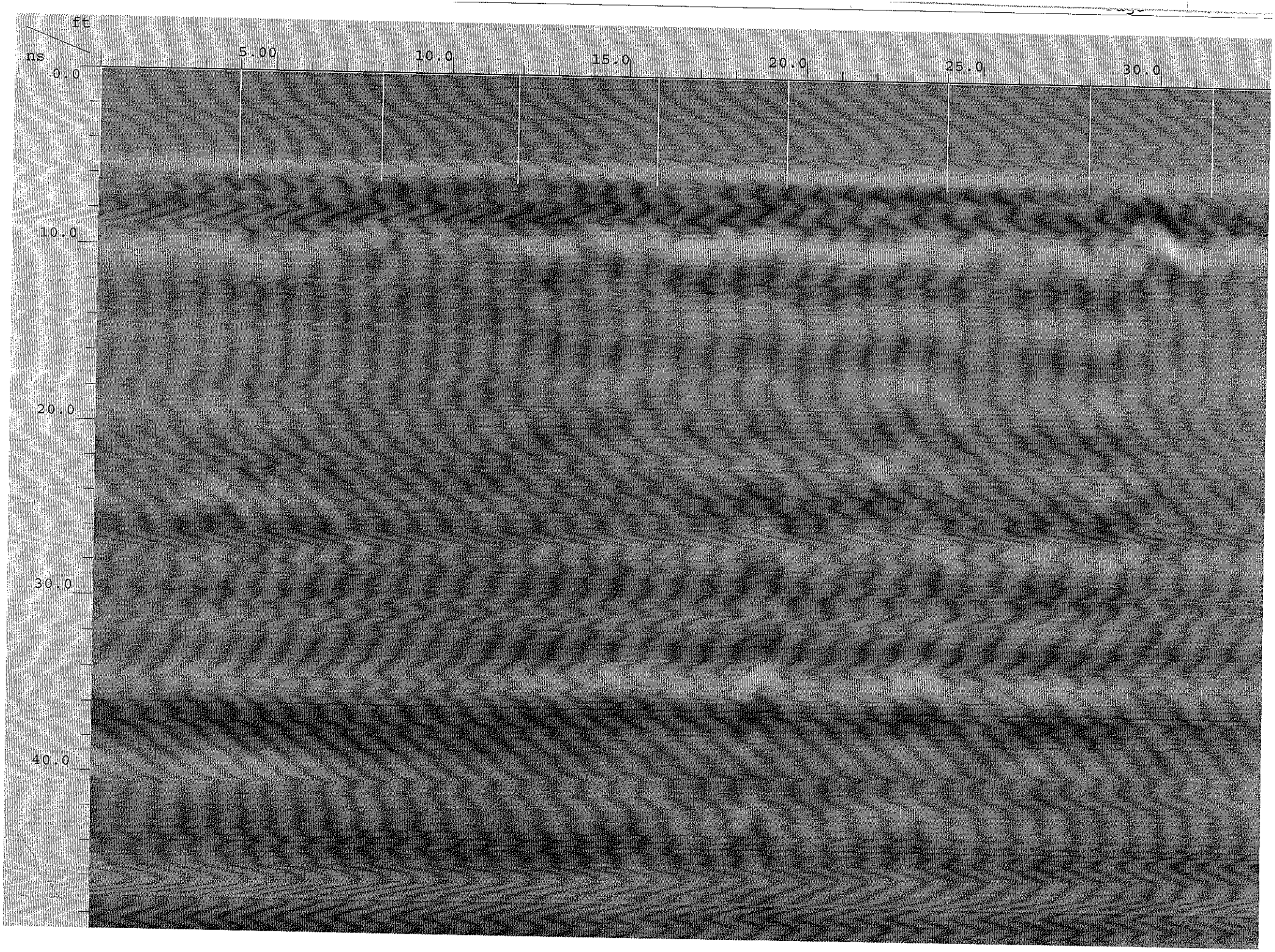
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20.0
25.0
30.0
0.0
10.0
20.0
30.0
40.0

# APPENDIX-D

# SOIL BORING LOGS

# Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/19/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | Sampling Interval: | 2 Feet |
| | | Sampling Method: | Geoprobe |
| Boring No.: | SP-1 | Driller: | Efrain H. |
| Drilling Method: | Direct Push | Depth to Water: | 17.51 feet |
| Total Depth: | 14 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | S.A.B. |
| -8 | 0.1 | SP | S.A.B. |
| -10 | 0.1 | SP | S.A.B. |
| -12 | 0.1 | SP | Brown fine grained silty sand with pebbles. No odor |
| -14 | | | |

# Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/19/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | Sampling Interval: | 2 Feet |
| | | Sampling Method: | Geoprobe |
| Boring No.: | SP-2 | Driller: | Efrain H. |
| Drilling Method: | Direct Push | Depth to Water: | 17.51 feet |
| Total Depth: | 10 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Asphlat, brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | Brown fine grained silty sand. No odor |
| -8 | 0.1 | SP | S.A.B. |
| -10 | | | |

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

www.hydrotechenvironmental.com

## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/18/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | Sampling Interval: | 2 Feet |
| | | Sampling Method: | Geoprobe |
| Boring No.: | SP-3 | Driller: | Efrain H. |
| Drilling Method: | Direct Push | Depth to Water: | 13.52 - 17.51 feet |
| Total Depth: | 10 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Asphlat, brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | Brown fine grained silty sand. No odor |
| -8 | 0.1 | SP | S.A.B. |
| -10 | | | |

# Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/19/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | Sampling Interval: | 2 Feet |
| | | Sampling Method: | Geoprobe |
| Boring No.: | SP-4 | Driller: | Efrain H. |
| Drilling Method: | Direct Push | Depth to Water: | 13.52 - 17.51 feet |
| Total Depth: | 10 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Asphlat, brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | Brown fine grained silty sand. No odor |
| -8 | 0.1 | SP | S.A.B. |
| -10 | | | |

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## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/18/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | | Sampling Interval: 2 Feet<br>Sampling Method: Geoprobe |
| Boring No.: | SP-5 | | Driller: Efrain H. |
| Drilling Method: | Direct Push | | Depth to Water: 17.23 feet |
| Total Depth: | 10 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Asphlat, brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | Brown fine grained silty sand. No odor |
| -8 | 0.1 | SP | S.A.B. |
| -10 | | | |

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## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/18/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | Sampling Interval: | 2 Feet |
| | | Sampling Method: | Geoprobe |
| Boring No.: | SP-6 | Driller: | Efrain H. |
| Drilling Method: | Direct Push | Depth to Water: | 17.23 feet |
| Total Depth: | 10 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Asphlat, brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | Brown fine grained silty sand. No odor |
| -8 | 0.1 | SP | S.A.B. |
| -10 | | | |

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www.hydrotechenvironmental.com

## Soil Probe Log

| | | | |
|---|---|---|---|
| Job No: | 130027 | Date: 11/18/2013 | Page: 1 of 1 |
| Location: | 3357-3361 3rd Avenue<br>Bronx, New York | Sampling Interval: | 2 Feet |
| | | Sampling Method: | Geoprobe |
| Boring No.: | SP-7 | Driller: | Efrain H. |
| Drilling Method: | Direct Push | Depth to Water: | 17.23 feet |
| Total Depth: | 10 Feet | | |

**USCS SYMBOLS**

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

| Depth Below Grade and Lithology | PID Reading (ppm) | USCS | Soil Description |
|---|---|---|---|
| 0 | 0.1 | SP | Asphlat, brown fine grained silty sand with pebbles and fill material. No odor |
| -2 | 0.1 | SP | S.A.B. |
| -4 | 0.1 | SP | S.A.B. |
| -6 | 0.1 | SP | Brown fine grained silty sand. No odor |
| -8 | 0.1 | SP | S.A.B. |
| -10 | | | |

# APPENDIX-E

# WELL PURGING AND SAMPLING LOG

# Hydro Tech Environmental, Corp.

**Project 3361 3rd Avenue Well No. MW-1 Date 2/21/2013**
**Well Depth** 26' **Screen Length** _____ **Well Diameter** 1" **Casing Type**
**Sampling Device** Horiba-22 **Tubing type** PVC **Water Level** 17.51 feet
**Measuring Point** 1 **Other Infor** _____

**Sampling Personnel** Sylvetsre

| Time | pH | Temp (ºC) | Cond. (S/Cm) | Dis.O2 (mg/L) | Turb.(NTU) | ORP (mV) | Notes |
|---|---|---|---|---|---|---|---|
| 2:30 PM | 6.30 | 16.5 | 1.570 | 4.2 | 45 | 119 | |
| 2:35 PM | 6.29 | 16.1 | 1.570 | 4.0 | 45 | 17 | |
| 2:40 PM | 6.28 | 16.1 | 1.570 | 4.0 | 39 | 116 | |
| | | | | | | | |
| | | | | | | | 8 gallons bailed |

# Hydro Tech Environmental, Corp.

**Project 3361 3rd Avenue Well No. MW-2 Date 2/21/2013**
**Well Depth** 27' **Screen Length** _____ **Well Diameter** 1" **Casing Type**
**Sampling Device** Horiba-22 **Tubing type** PVC **Water Level** 13.52 feet
**Measuring Point** 1 **Other Infor** _____

**Sampling Personnel** Sylvetsre

| Time | pH | Temp (ºC) | Cond. (S/Cm) | Dis.O2 (mg/L) | Turb.(NTU) | ORP (mV) | Notes |
|---|---|---|---|---|---|---|---|
| 2:00 PM | 6.25 | 14.1 | 1.470 | 4.420 | 49 | 59 | |
| 2:05 PM | 6.35 | 14.4 | 1.470 | 3.69 | 39 | 38 | |
| 2:10 PM | 6.45 | 14.6 | 1.470 | 3.56 | 35 | 37 | |
| | | | | | | | |
| | | | | | | | 7 gallons bailed |

# Hydro Tech Environmental, Corp.

**Project 3361 3rd Avenue Well No. MW-3 Date 2/21/2013**
**Well Depth** 28' **Screen Length** _____ **Well Diameter** 1" **Casing Type**
**Sampling Device** Horiba-22 **Tubing type** PVC **Water Level** 17.23 feet
**Measuring Point** 1 **Other Infor** _____

**Sampling Personnel** Alvin - Sylvetsre

| Time | pH | Temp (ºC) | Cond. (S/Cm) | Dis.O2 (mg/L) | Turb.(NTU) | ORP (mV) | Notes |
|---|---|---|---|---|---|---|---|
| 1:40 PM | 6.03 | 15.0 | 1.350 | 4.9 | 49 | 148 | |
| 1:45 PM | 6.11 | 15.0 | 1.290 | 3.8 | 45 | 143 | |
| 1:50 PM | 6.12 | 15.0 | 1.270 | 4.0 | 39 | 138 | |
| | | | | | | | |
| | | | | | | | 7 gallons bailed |

# APPENDIX-F

# SOIL VAPOR SAMPLING LOG

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

# Field Chain-of-Custody Record - AIR

Page 1 of 1

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. 13B0647

**YOUR Information**
Company: Hydro Tech Gw. Corp
Address: 15 Oleg Ave 2nd Fl Brooklyn NY
Phone No. 718 636 0800
Contact Person: Paul I Mathew
E-Mail Address: pmathew@hydrotechgw.com

**Report To:**
Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

**Invoice To:**
Company: SAME
Address:
Phone No. 631 462 5866
Attention: Nushia
E-Mail Address:

**YOUR Project ID**
3357-3361 3rd Ave Bronx NY

**Purchase Order No.**
5260

Samples from: CT___ NY ✓ NJ___

**Turn-Around Time**
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☑

**Report Type/Deliverables**
Summary Report ✓
Summary w/ QA Summary ✓
CT RCP Package ___
NY ASP A Package ___
NY ASP B/CLP Pkg ___
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): Paul I. Mathew
Name (printed): Paul I Mathew

**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 0.5 µg/m³

**Special Instructions**

| Sample Identification | Date Sampled | AIR Matrix | Canister Vacuum Before Sampling (in. Hg) | Canister Vacuum After Sampling (in. Hg) | Choose Analyses Needed from the Menu Above and Enter Below | Sampling Media |
|---|---|---|---|---|---|---|
| SV-1 | 2/21/13 | AS | -30 | -5.0 | EPA TO-15 | 6 Liter Summa canister 6 hr; Tedlar Bag |
| SV-2 | ✓ | ✓ | -30 | -7.5 | ✓ | 6 Liter Summa canister ✓; Tedlar Bag |
| SV-3 | ✓ | ✓ | -30 | -15.0 | ✓ | 6 Liter Summa canister ✓; Tedlar Bag |
| SV-4 | ✓ | ✓ | -30 | -3.5 | ✓ | 6 Liter Summa canister ✓; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |
| | | | | | | 6 Liter Summa canister ___; Tedlar Bag |

Edesguitheri Chute

Comments
✓ = same as before
Samples referred to project # 13009.7

Samples Relinquished By: Paul I. Mathew — Date/Time: 2/22/13
Samples Relinquished By: ___ Date/Time: ___
Samples Received By: TC Patel — Date/Time: 2/22/13 12:11
Samples Received in LAB by: ___ Date/Time: ___

# APPENDIX-G

# LABORATORY DATA DELIVERABLES FOR SOIL ANALYTICAL DATA

YORK
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**
15 Ocean Avenue
Brooklyn NY, 11225
**Attention: Paul Matli**

Report Date: 02/26/2013
**Client Project ID: #130027 3357-3361 3rd Avenue Bronx, NY**
York Project (SDG) No.: 13B0526

CT License No. PH-0723 New Jersey License No. CT-005 NELAP ACCREDITED TNI LABORATORY 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: 02/26/2013
Client Project ID: #130027 3357-3361 3rd Avenue Bronx, NY
York Project (SDG) No.: 13B0526

**Hydro Tech Environmental (Brooklyn)**
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 20, 2013 and listed below. The project was identified as your project: **#130027 3357-3361 3rd Avenue Bronx, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 13B0526-01 | SP-1 0-2ft | Soil | 02/19/2013 | 02/20/2013 |
| 13B0526-02 | SP-1 12-14ft | Soil | 02/19/2013 | 02/20/2013 |
| 13B0526-03 | SP-2 0-2ft | Soil | 02/19/2013 | 02/20/2013 |
| 13B0526-04 | SP-2 8-10ft | Soil | 02/19/2013 | 02/20/2013 |
| 13B0526-05 | SP-3 0-2ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-06 | SP-3 8-10ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-07 | SP-4 0-2ft | Soil | 02/19/2013 | 02/20/2013 |
| 13B0526-08 | SP-4 8-10ft | Soil | 02/19/2013 | 02/20/2013 |
| 13B0526-09 | SP-5 0-2ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-10 | SP-5 8-10ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-11 | SP-6 0-2ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-12 | SP-6 8-10ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-13 | SP-7 0-2ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-14 | SP-7 8-10ft | Soil | 02/18/2013 | 02/20/2013 |
| 13B0526-15 | Field Blank | Water | 02/18/2013 | 02/20/2013 |
| 13B0526-16 | Trip Blank | Water | 02/19/2013 | 02/20/2013 |

## General Notes for York Project (SDG) No.: 13B0526

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

**Approved By:** **Date:** 02/26/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-1 0-2ft** **York Sample ID:** **13B0526-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 15 | 58 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |

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# Sample Information

**Client Sample ID:** SP-1 0-2ft

**York Sample ID:** 13B0526-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.9 | 5.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.9 | 17 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.9 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 01:53 | SS |

| Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|

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# Sample Information

**Client Sample ID:** **SP-1 0-2ft** **York Sample ID:** **13B0526-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *107 %* | | | *73-130* | | | | | | |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *93.3 %* | | | *72-127* | | | | | | |
| 2037-26-5 | *Surrogate: Toluene-d8* | *98.2 %* | | | *84-117* | | | | | | |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 728 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 966 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 1150 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 1100 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 56-55-3 | Benzo(a)anthracene | **2720** | | ug/kg dry | 752 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 797 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **2650** | | ug/kg dry | 1690 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | **1770** | J | ug/kg dry | 668 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 2010 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **2480** | | ug/kg dry | 2010 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 1110 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 970 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 1360 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 523 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 692 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 1030 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 708 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **25800** | | ug/kg dry | 1390 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 1090 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 664 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 1180 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 218-01-9 | Chrysene | **2640** | | ug/kg dry | 925 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 809 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 937 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 817 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 1320 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 1240 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 636 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 1050 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |

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# Sample Information

**Client Sample ID:** **SP-1 0-2ft** **York Sample ID:** **13B0526-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

**Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 1640 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 1260 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 1410 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 897 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 2530 | 4020 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 1750 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 1690 | 4020 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 1030 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 889 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 2010 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 206-44-0 | Fluoranthene | **6430** | | ug/kg dry | 1180 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 966 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 1190 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 680 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 1500 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 575 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **1780** | J | ug/kg dry | 917 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 692 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 1540 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 764 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 873 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 495 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 2000 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 833 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 591 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 756 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 547 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 672 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 825 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 909 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 1520 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 85-01-8 | Phenanthrene | **3330** | | ug/kg dry | 1050 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 869 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 129-00-0 | Pyrene | **5310** | | ug/kg dry | 821 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-1 0-2ft

**York Sample ID:** 13B0526-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 110-86-1 | Pyridine | ND | | ug/kg dry | 1410 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 728 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 1560 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 1020 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:17 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *77.7 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *63.6 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *54.9 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *42.7 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *49.7 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *83.6 %* | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 151 | 151 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.9 | 14.9 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 57-74-9 | Chlordane, total | **15.1** | | ug/kg dry | 11.9 | 11.9 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 50-29-3 | 4,4'-DDT | **12.6** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 72-55-9 | 4,4'-DDE | **6.62** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:56 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-1 0-2ft** **York Sample ID:** **13B0526-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 12.3 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 09:41 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *82.7 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *62.1 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **10400** | | mg/kg dry | 1.23 | 2.41 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-36-0 | Antimony | **4.64** | | mg/kg dry | 0.266 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-38-2 | Arsenic | **20.0** | | mg/kg dry | 0.410 | 1.21 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-39-3 | Barium | **1800** | | mg/kg dry | 0.157 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.121 | 0.121 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-43-9 | Cadmium | **5.62** | | mg/kg dry | 0.121 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-70-2 | Calcium | **23700** | | mg/kg dry | 0.048 | 6.03 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-47-3 | Chromium | **36.9** | | mg/kg dry | 0.145 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-48-4 | Cobalt | **10.8** | | mg/kg dry | 0.097 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-50-8 | Copper | **285** | | mg/kg dry | 0.145 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7439-89-6 | Iron | **34800** | | mg/kg dry | 3.92 | 12.1 | 5 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7439-92-1 | Lead | **2440** | | mg/kg dry | 0.205 | 0.362 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7439-95-4 | Magnesium | **7290** | | mg/kg dry | 0.543 | 6.03 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7439-96-5 | Manganese | **619** | | mg/kg dry | 0.133 | 1.21 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-02-0 | Nickel | **33.8** | | mg/kg dry | 0.157 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-09-7 | Potassium | **1630** | | mg/kg dry | 4.08 | 12.1 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7782-49-2 | Selenium | **5.22** | | mg/kg dry | 0.603 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.121 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-23-5 | Sodium | **655** | | mg/kg dry | 6.36 | 12.1 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.386 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-62-2 | Vanadium | **32.8** | | mg/kg dry | 0.133 | 0.603 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |
| 7440-66-6 | Zinc | **2800** | | mg/kg dry | 0.543 | 3.02 | 5 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:27 | MW |

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## Sample Information

**Client Sample ID:** SP-1 0-2ft **York Sample ID:** 13B0526-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | **0.121** | | mg/kg dry | 0.113 | 0.121 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | **82.9** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.422 | 0.603 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-1 12-14ft **York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-1 12-14ft

**York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 9.4 | 36 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-1 12-14ft

**York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 1.8 | 3.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 1.8 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 1.8 | 7.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 02:28 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *96.1 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *99.6 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *95.9 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 69.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 92.0 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 110 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 105 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 71.7 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 75.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 161 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 63.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 192 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 192 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 106 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-1 12-14ft

**York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 92.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 129 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 49.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 65.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 97.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 67.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 132 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 104 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 63.3 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 112 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 88.2 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 77.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 89.3 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 77.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 125 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 118 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 60.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 100 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 156 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 120 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 134 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 85.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 167 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 242 | 383 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 161 | 383 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 98.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 84.7 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 192 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 112 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 92.0 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 113 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 64.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 143 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 54.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |

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# Sample Information

**Client Sample ID:** SP-1 12-14ft

**York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 87.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 65.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 147 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 72.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 83.2 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 47.2 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 191 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 79.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 56.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 72.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 52.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 64.0 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 78.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 86.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 145 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 100 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 82.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 78.2 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 135 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 69.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 149 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 97.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 15:35 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *94.3 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *77.1 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *105 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *74.1 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *58.9 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *113 %* | *30-130* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-1 12-14ft

**York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 144 | 144 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.2 | 14.2 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 11.4 | 11.4 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:23 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 29.3 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 11.7 | 29.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:12 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *149 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *103 %* | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-1 12-14ft** **York Sample ID:** **13B0526-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **12000** | | mg/kg dry | 1.17 | 2.30 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.253 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-38-2 | Arsenic | **3.22** | | mg/kg dry | 0.391 | 1.15 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-39-3 | Barium | **51.8** | | mg/kg dry | 0.150 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.115 | 0.115 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.115 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-70-2 | Calcium | **1430** | | mg/kg dry | 0.046 | 5.75 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-47-3 | Chromium | **22.8** | | mg/kg dry | 0.138 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-48-4 | Cobalt | **6.94** | | mg/kg dry | 0.092 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-50-8 | Copper | **14.6** | | mg/kg dry | 0.138 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7439-89-6 | Iron | **17400** | | mg/kg dry | 0.748 | 2.30 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7439-92-1 | Lead | **15.9** | | mg/kg dry | 0.196 | 0.345 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7439-95-4 | Magnesium | **3350** | | mg/kg dry | 0.518 | 5.75 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7439-96-5 | Manganese | **136** | | mg/kg dry | 0.127 | 1.15 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-02-0 | Nickel | **19.7** | | mg/kg dry | 0.150 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-09-7 | Potassium | **893** | | mg/kg dry | 3.89 | 11.5 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7782-49-2 | Selenium | **2.72** | | mg/kg dry | 0.575 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.115 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-23-5 | Sodium | **364** | | mg/kg dry | 6.06 | 11.5 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.368 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-62-2 | Vanadium | **29.4** | | mg/kg dry | 0.127 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |
| 7440-66-6 | Zinc | **64.3** | | mg/kg dry | 0.104 | 0.575 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:34 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/kg dry | 0.108 | 0.115 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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## Sample Information

**Client Sample ID:** SP-1 12-14ft **York Sample ID:** 13B0526-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Total Solids

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **86.9** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.403 | 0.575 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-2 0-2ft **York Sample ID:** 13B0526-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |

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# Sample Information

**Client Sample ID:** SP-2 0-2ft

**York Sample ID:** 13B0526-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 12 | 46 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |

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# Sample Information

**Client Sample ID:** **SP-2 0-2ft** **York Sample ID:** **13B0526-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.3 | 4.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.3 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.3 | 9.2 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:03 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *98.7 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *94.5 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *98.8 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 344 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 456 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 544 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 519 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 56-55-3 | Benzo(a)anthracene | **2080** | | ug/kg dry | 356 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 50-32-8 | Benzo(a)pyrene | **2710** | | ug/kg dry | 376 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **2250** | | ug/kg dry | 797 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | **610** | J | ug/kg dry | 316 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 951 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **2610** | | ug/kg dry | 951 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 525 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 458 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 641 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 247 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 327 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 485 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |

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# Sample Information

**Client Sample ID:** SP-2 0-2ft

**York Sample ID:** 13B0526-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 335 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **660** | J | ug/kg dry | 656 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 513 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 314 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 557 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 218-01-9 | Chrysene | **2370** | | ug/kg dry | 437 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | **437** | J | ug/kg dry | 382 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 443 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 84-74-2 | Di-n-butyl phthalate | **460** | J | ug/kg dry | 386 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 622 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 586 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 300 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 498 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 776 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 597 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 665 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 424 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 1200 | 1900 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 829 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 798 | 1900 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 489 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 420 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 951 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 206-44-0 | Fluoranthene | **2860** | | ug/kg dry | 557 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 456 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 561 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 321 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 707 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 272 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **922** | J | ug/kg dry | 433 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 327 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 730 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 361 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 413 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-2 0-2ft** **York Sample ID:** **13B0526-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 234 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 945 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 394 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 279 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 357 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 259 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 317 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 390 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 430 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 717 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 85-01-8 | Phenanthrene | **867** | J | ug/kg dry | 496 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 411 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 129-00-0 | Pyrene | **2770** | | ug/kg dry | 388 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 667 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 344 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 738 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 483 | 951 | 5 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:06 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *72.3 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *55.6 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *63.7 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *57.9 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *38.5 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *80.0 %* | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 143 | 143 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.1 | 14.1 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-2 0-2ft** **York Sample ID:** **13B0526-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 57-74-9 | Chlordane, total | **111** | | ug/kg dry | 11.3 | 11.3 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 50-29-3 | 4,4'-DDT | **25.4** | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 72-55-9 | 4,4'-DDE | **7.17** | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 72-54-8 | 4,4'-DDD | **3.46** | | ug/kg dry | 2.82 | 2.82 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:11 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 29.1 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 11.6 | 29.1 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:03 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *99.9 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *69.8 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **8470** | | mg/kg dry | 1.16 | 2.28 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-36-0 | Antimony | **1.08** | | mg/kg dry | 0.251 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-38-2 | Arsenic | **4.54** | | mg/kg dry | 0.388 | 1.14 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-39-3 | Barium | **542** | | mg/kg dry | 0.148 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.114 | 0.114 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-43-9 | Cadmium | **0.745** | | mg/kg dry | 0.114 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-70-2 | Calcium | **34100** | | mg/kg dry | 0.046 | 5.70 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-47-3 | Chromium | **32.3** | | mg/kg dry | 0.137 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-48-4 | Cobalt | **8.27** | | mg/kg dry | 0.091 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |

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ANALYTICAL LABORATORIES, INC.

## Sample Information

**Client Sample ID:** SP-2 0-2ft **York Sample ID:** 13B0526-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7440-50-8 | Copper | **111** | | mg/kg dry | 0.137 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7439-89-6 | Iron | **22200** | | mg/kg dry | 0.741 | 2.28 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7439-92-1 | Lead | **598** | | mg/kg dry | 0.194 | 0.342 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7439-95-4 | Magnesium | **11400** | | mg/kg dry | 0.513 | 5.70 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7439-96-5 | Manganese | **330** | | mg/kg dry | 0.125 | 1.14 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-02-0 | Nickel | **28.2** | | mg/kg dry | 0.148 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-09-7 | Potassium | **1400** | | mg/kg dry | 3.86 | 11.4 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7782-49-2 | Selenium | **2.65** | | mg/kg dry | 0.570 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.114 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-23-5 | Sodium | **625** | | mg/kg dry | 6.01 | 11.4 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.365 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-62-2 | Vanadium | **29.7** | | mg/kg dry | 0.125 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | MW |
| 7440-66-6 | Zinc | **511** | | mg/kg dry | 0.103 | 0.570 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:38 | 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 | 0.114 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.399 | 0.570 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-2 8-10ft **York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-2 8-10ft

**York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 13 | 48 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-2 8-10ft

**York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.4 | 4.8 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.4 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.4 | 9.6 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 03:38 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *97.2 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *102 %* | *72-127* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-2 8-10ft

**York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2037-26-5 | *Surrogate: Toluene-d8* | *92.7 %* | | | *84-117* | | | | | | |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 67.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 89.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 107 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 102 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 69.7 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 73.8 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 156 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 61.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 186 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 186 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 103 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 89.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 126 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 48.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 64.1 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 95.1 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 65.6 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 129 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 101 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 61.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 109 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 85.8 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 74.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 86.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 75.7 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 122 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 115 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 58.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 97.7 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 152 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-2 8-10ft

**York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 117 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 130 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 83.1 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 163 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 235 | 373 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 157 | 373 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 95.8 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 82.4 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 186 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 109 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 89.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 110 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 63.0 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 139 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 53.3 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 85.0 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 64.1 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 143 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 70.8 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 80.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 45.9 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 185 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 77.2 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 54.8 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 70.1 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 50.7 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 62.3 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 76.4 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 84.3 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 141 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 97.3 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 80.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 76.1 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 131 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |

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# Sample Information

**Client Sample ID:** SP-2 8-10ft

**York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 | 67.5 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 145 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 94.7 | 186 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 16:41 | SR |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *90.2 %* | | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *71.2 %* | | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *114 %* | *S-04* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *71.9 %* | | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *72.3 %* | | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *106 %* | | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 140 | 140 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 13.8 | 13.8 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 11.1 | 11.1 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.77 | 2.77 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:08 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |

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# Sample Information

**Client Sample ID:** **SP-2 8-10ft** **York Sample ID:** **13B0526-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 28.5 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 11.4 | 28.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:31 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *115 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *88.8 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **8830** | | mg/kg dry | 1.14 | 2.24 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.246 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-38-2 | Arsenic | **2.06** | | mg/kg dry | 0.380 | 1.12 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-39-3 | Barium | **36.6** | | mg/kg dry | 0.145 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.112 | 0.112 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.112 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-70-2 | Calcium | **723** | | mg/kg dry | 0.045 | 5.59 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-47-3 | Chromium | **19.4** | | mg/kg dry | 0.134 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-48-4 | Cobalt | **6.01** | | mg/kg dry | 0.089 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-50-8 | Copper | **9.15** | | mg/kg dry | 0.134 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7439-89-6 | Iron | **12500** | | mg/kg dry | 0.727 | 2.24 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7439-92-1 | Lead | **5.06** | | mg/kg dry | 0.190 | 0.336 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7439-95-4 | Magnesium | **2480** | | mg/kg dry | 0.503 | 5.59 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7439-96-5 | Manganese | **191** | | mg/kg dry | 0.123 | 1.12 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-02-0 | Nickel | **14.6** | | mg/kg dry | 0.145 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-09-7 | Potassium | **609** | | mg/kg dry | 3.78 | 11.2 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7782-49-2 | Selenium | **2.16** | | mg/kg dry | 0.559 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.112 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-23-5 | Sodium | **293** | | mg/kg dry | 5.89 | 11.2 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.358 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-62-2 | Vanadium | **21.5** | | mg/kg dry | 0.123 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |
| 7440-66-6 | Zinc | **26.5** | | mg/kg dry | 0.101 | 0.559 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:42 | MW |

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## Sample Information

**Client Sample ID:** SP-2 8-10ft **York Sample ID:** 13B0526-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/kg dry | 0.105 | 0.112 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | **89.4** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.391 | 0.559 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-3 0-2ft **York Sample ID:** 13B0526-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |

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# Sample Information

**Client Sample ID:** **SP-3 0-2ft** **York Sample ID:** **13B0526-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 14 | 54 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 78-93-3 | 2-Butanone | **8.9** | J | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 67-64-1 | Acetone | **36** | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-3 0-2ft

**York Sample ID:** 13B0526-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.7 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.7 | 16 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.7 | 11 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:13 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *98.3 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *99.6 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *91.1 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 76.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 208-96-8 | Acenaphthylene | **122** | J | ug/kg dry | 101 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 121 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 120-12-7 | Anthracene | **123** | J | ug/kg dry | 115 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 56-55-3 | Benzo(a)anthracene | **990** | | ug/kg dry | 79.0 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 50-32-8 | Benzo(a)pyrene | **843** | | ug/kg dry | 83.6 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **1210** | | ug/kg dry | 177 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | **118** | J | ug/kg dry | 70.1 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 211 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **1160** | | ug/kg dry | 211 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 117 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 102 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |

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# Sample Information

**Client Sample ID:** SP-3 0-2ft

**York Sample ID:** 13B0526-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 142 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 54.9 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 72.6 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 108 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 74.3 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **503** | | ug/kg dry | 146 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 114 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 69.7 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 124 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 218-01-9 | Chrysene | **963** | | ug/kg dry | 97.1 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 84.9 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 98.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 84-74-2 | Di-n-butyl phthalate | **141** | J | ug/kg dry | 85.7 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 138 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 130 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 66.7 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 111 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 172 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 133 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 148 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 94.2 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 184 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 266 | 422 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 177 | 422 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 109 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 93.3 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 211 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 206-44-0 | Fluoranthene | **1500** | | ug/kg dry | 124 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 101 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 125 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 71.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 157 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 60.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **153** | J | ug/kg dry | 96.3 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |

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# Sample Information

**Client Sample ID:** **SP-3 0-2ft** **York Sample ID:** **13B0526-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-59-1 | Isophorone | ND | | ug/kg dry | 72.6 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 162 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 80.2 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 91.6 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 51.9 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 210 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 87.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 62.1 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 79.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 57.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 70.5 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 86.6 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 95.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 159 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 85-01-8 | Phenanthrene | **459** | | ug/kg dry | 110 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 91.2 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 129-00-0 | Pyrene | **1540** | | ug/kg dry | 86.1 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 148 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 76.4 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 164 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 107 | 211 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:11 | SR |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *89.0 %* | | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *81.0 %* | | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *132 %* | *S-04* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *76.9 %* | | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *75.2 %* | | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *101 %* | | *30-130* |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-3 0-2ft** **York Sample ID:** **13B0526-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 159 | 159 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 15.7 | 15.7 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 12.5 | 12.5 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 50-29-3 | 4,4'-DDT | **26.0** | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 72-55-9 | 4,4'-DDE | **135** | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 72-54-8 | 4,4'-DDD | **676** | | ug/kg dry | 3.14 | 3.14 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:26 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 12672-29-6 | Aroclor 1248 | **1390** | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 32.3 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |
| 1336-36-3 | Total PCBs | **1390** | | ug/kg dry | 12.9 | 32.3 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:23 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *100 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *72.6 %* | *30-150* |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-3 0-2ft** **York Sample ID:** **13B0526-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **7200** | | mg/kg dry | 1.29 | 2.53 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-36-0 | Antimony | **4.00** | | mg/kg dry | 0.279 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-38-2 | Arsenic | **41.5** | | mg/kg dry | 0.431 | 1.27 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-39-3 | Barium | **942** | | mg/kg dry | 0.165 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.127 | 0.127 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-43-9 | Cadmium | **1.80** | | mg/kg dry | 0.127 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-70-2 | Calcium | **15700** | | mg/kg dry | 0.051 | 6.33 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-47-3 | Chromium | **35.7** | | mg/kg dry | 0.152 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-48-4 | Cobalt | **6.61** | | mg/kg dry | 0.101 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-50-8 | Copper | **177** | | mg/kg dry | 0.152 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7439-89-6 | Iron | **24300** | | mg/kg dry | 0.823 | 2.53 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7439-92-1 | Lead | **936** | | mg/kg dry | 0.215 | 0.380 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7439-95-4 | Magnesium | **3240** | | mg/kg dry | 0.570 | 6.33 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7439-96-5 | Manganese | **295** | | mg/kg dry | 0.139 | 1.27 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-02-0 | Nickel | **36.6** | | mg/kg dry | 0.165 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-09-7 | Potassium | **789** | | mg/kg dry | 4.28 | 12.7 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7782-49-2 | Selenium | **12.1** | | mg/kg dry | 0.633 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.127 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-23-5 | Sodium | **541** | | mg/kg dry | 6.68 | 12.7 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.405 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-62-2 | Vanadium | **68.1** | | mg/kg dry | 0.139 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |
| 7440-66-6 | Zinc | **907** | | mg/kg dry | 0.114 | 0.633 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:47 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | **0.253** | | mg/kg dry | 0.119 | 0.127 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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## Sample Information

**Client Sample ID:** SP-3 0-2ft **York Sample ID:** 13B0526-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **78.9** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

**Chromium, Hexavalent** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.443 | 0.633 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-3 8-10ft **York Sample ID:** 13B0526-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-3 8-10ft

**York Sample ID:** 13B0526-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 7.1 | 27 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-3 8-10ft

**York Sample ID:** 13B0526-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 1.3 | 2.7 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 1.3 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 1.3 | 5.4 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 04:48 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *102 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *94.9 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *92.1 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 69.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 92.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 110 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 105 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 71.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 76.0 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 161 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 63.7 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 192 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 192 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 106 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 92.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 129 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 49.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 66.0 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-3 8-10ft

**York Sample ID:** 13B0526-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 97.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 67.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 132 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 104 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 63.3 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 112 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 88.3 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 77.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 89.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 77.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 125 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 118 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 60.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 101 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 157 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 121 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 134 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 85.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 167 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 242 | 384 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 161 | 384 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 98.6 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 84.8 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 192 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 112 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 92.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 113 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 64.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 143 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 54.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 87.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 66.0 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 147 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 72.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |

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# Sample Information

**Client Sample ID:** **SP-3 8-10ft** **York Sample ID:** **13B0526-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 83.3 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 47.2 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 191 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 79.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 56.4 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 72.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 52.2 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 64.1 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 78.7 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 86.7 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 145 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 100 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 82.9 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 78.3 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 135 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 69.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 149 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 97.5 | 192 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 17:42 | SR |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *83.1 %* | | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *72.3 %* | | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *111 %* | *S-04* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *75.3 %* | | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *73.9 %* | | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *98.2 %* | | *30-130* |

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# Sample Information

**Client Sample ID:** **SP-3 8-10ft** **York Sample ID:** **13B0526-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 144 | 144 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.2 | 14.2 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 11.4 | 11.4 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.85 | 2.85 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:23 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 29.4 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 11.7 | 29.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 17:51 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *148 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *109 %* | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-3 8-10ft

**York Sample ID:** 13B0526-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **9470** | | mg/kg dry | 1.17 | 2.30 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.253 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-38-2 | Arsenic | **1.71** | | mg/kg dry | 0.391 | 1.15 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-39-3 | Barium | **31.4** | | mg/kg dry | 0.150 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.115 | 0.115 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.115 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-70-2 | Calcium | **1130** | | mg/kg dry | 0.046 | 5.76 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-47-3 | Chromium | **18.5** | | mg/kg dry | 0.138 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-48-4 | Cobalt | **8.16** | | mg/kg dry | 0.092 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-50-8 | Copper | **18.4** | | mg/kg dry | 0.138 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7439-89-6 | Iron | **13500** | | mg/kg dry | 0.748 | 2.30 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7439-92-1 | Lead | **6.47** | | mg/kg dry | 0.196 | 0.345 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7439-95-4 | Magnesium | **3980** | | mg/kg dry | 0.518 | 5.76 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7439-96-5 | Manganese | **159** | | mg/kg dry | 0.127 | 1.15 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-02-0 | Nickel | **18.7** | | mg/kg dry | 0.150 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-09-7 | Potassium | **1250** | | mg/kg dry | 3.89 | 11.5 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7782-49-2 | Selenium | **2.13** | | mg/kg dry | 0.576 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.115 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-23-5 | Sodium | **274** | | mg/kg dry | 6.07 | 11.5 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.368 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-62-2 | Vanadium | **21.6** | | mg/kg dry | 0.127 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | MW |
| 7440-66-6 | Zinc | **39.2** | | mg/kg dry | 0.104 | 0.576 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 00:51 | 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 | 0.108 | 0.115 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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## Sample Information

**Client Sample ID:** SP-3 8-10ft **York Sample ID:** 13B0526-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Total Solids

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **86.9** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.403 | 0.576 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-4 0-2ft **York Sample ID:** 13B0526-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |

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# Sample Information

**Client Sample ID:** **SP-4 0-2ft** **York Sample ID:** **13B0526-07**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 14 | 51 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 67-64-1 | Acetone | **12** | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |

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# Sample Information

**Client Sample ID:** SP-4 0-2ft

**York Sample ID:** 13B0526-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.6 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.6 | 15 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.6 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:23 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *98.0 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *98.1 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *93.5 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 72.1 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 208-96-8 | Acenaphthylene | **108** | J | ug/kg dry | 95.6 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 114 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 120-12-7 | Anthracene | **167** | J | ug/kg dry | 109 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 56-55-3 | Benzo(a)anthracene | **1110** | | ug/kg dry | 74.5 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 50-32-8 | Benzo(a)pyrene | **794** | | ug/kg dry | 78.9 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **795** | | ug/kg dry | 167 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 66.1 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 199 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **830** | | ug/kg dry | 199 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 85-68-7 | Benzyl butyl phthalate | **315** | | ug/kg dry | 110 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 96.0 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 134 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 51.8 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 68.5 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 102 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |

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# Sample Information

**Client Sample ID:** SP-4 0-2ft

**York Sample ID:** 13B0526-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 70.1 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **533** | | ug/kg dry | 137 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 108 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 65.7 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 117 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 218-01-9 | Chrysene | **1100** | | ug/kg dry | 91.6 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 80.1 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 92.8 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 84-74-2 | Di-n-butyl phthalate | **478** | | ug/kg dry | 80.9 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 130 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 123 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 62.9 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 104 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 163 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 125 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 139 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 88.8 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 251 | 398 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 174 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 167 | 398 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 102 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 88.0 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 199 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 206-44-0 | Fluoranthene | **2350** | | ug/kg dry | 117 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 95.6 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 118 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 67.3 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 148 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 57.0 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **134** | J | ug/kg dry | 90.8 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 68.5 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 153 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 75.7 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 86.4 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-4 0-2ft **York Sample ID:** 13B0526-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 49.0 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 198 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 82.5 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 58.6 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 74.9 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 54.2 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 66.5 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 81.7 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 90.0 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 150 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 85-01-8 | Phenanthrene | **872** | | ug/kg dry | 104 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 86.0 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 129-00-0 | Pyrene | **2190** | | ug/kg dry | 81.3 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 140 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 72.1 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 155 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 101 | 199 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:13 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *78.3 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *65.0 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *98.3 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *74.2 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *75.1 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *86.8 %* | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 150 | 150 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.8 | 14.8 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-4 0-2ft

**York Sample ID:** 13B0526-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 57-74-9 | Chlordane, total | **31.4** | | ug/kg dry | 11.8 | 11.8 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 50-29-3 | 4,4'-DDT | **39.1** | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 72-55-9 | 4,4'-DDE | **12.8** | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 72-54-8 | 4,4'-DDD | **16.8** | | ug/kg dry | 2.96 | 2.96 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:41 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 30.5 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 12.2 | 30.5 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 10:43 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *110 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *76.6 %* | *30-150* |

## Metals, Target Analyte

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **10000** | | mg/kg dry | 1.22 | 2.39 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-36-0 | Antimony | **3.70** | | mg/kg dry | 0.263 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-38-2 | Arsenic | **12.1** | | mg/kg dry | 0.406 | 1.20 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-39-3 | Barium | **1130** | | mg/kg dry | 0.155 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.120 | 0.120 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-43-9 | Cadmium | **1.76** | | mg/kg dry | 0.120 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-70-2 | Calcium | **61900** | | mg/kg dry | 0.478 | 59.8 | 10 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-47-3 | Chromium | **69.7** | | mg/kg dry | 0.143 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-48-4 | Cobalt | **10.9** | | mg/kg dry | 0.096 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |

YORK
ANALYTICAL LABORATORIES, INC.

## Sample Information

**Client Sample ID:** SP-4 0-2ft **York Sample ID:** 13B0526-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7440-50-8 | Copper | **6090** | | mg/kg dry | 14.3 | 59.8 | 100 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7439-89-6 | Iron | **44400** | | mg/kg dry | 7.77 | 23.9 | 10 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7439-92-1 | Lead | **2110** | | mg/kg dry | 0.203 | 0.359 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7439-95-4 | Magnesium | **6980** | | mg/kg dry | 0.538 | 5.98 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7439-96-5 | Manganese | **409** | | mg/kg dry | 0.131 | 1.20 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-02-0 | Nickel | **45.7** | | mg/kg dry | 0.155 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-09-7 | Potassium | **1350** | | mg/kg dry | 4.04 | 12.0 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7782-49-2 | Selenium | **5.05** | | mg/kg dry | 0.598 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.120 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-23-5 | Sodium | **590** | | mg/kg dry | 6.30 | 12.0 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.382 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-62-2 | Vanadium | **43.8** | | mg/kg dry | 0.131 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | MW |
| 7440-66-6 | Zinc | **1310** | | mg/kg dry | 0.108 | 0.598 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:07 | 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 | **0.120** | | mg/kg dry | 0.112 | 0.120 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | **83.7** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.418 | 0.598 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-4 8-10ft **York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-4 8-10ft

**York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 12 | 45 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-4 8-10ft

**York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.2 | 4.5 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.2 | 13 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.2 | 9.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 05:58 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *104 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *94.9 %* | *72-127* |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-4 8-10ft

**York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2037-26-5 | *Surrogate: Toluene-d8* | *92.8 %* | | | *84-117* | | | | | | |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 70.1 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 92.9 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 111 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 106 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 72.4 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 76.7 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 162 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 64.3 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 194 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 194 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 107 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 93.3 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 131 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 50.3 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 66.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 98.8 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 68.2 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 134 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 105 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 63.9 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 113 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 89.1 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 77.8 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 90.2 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 78.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 127 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 119 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 61.2 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 101 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 158 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-4 8-10ft

**York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 122 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 136 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 86.4 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 244 | 387 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 169 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 163 | 387 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 99.5 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 85.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 194 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 113 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 92.9 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 114 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 65.4 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 144 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 55.4 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 88.3 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 66.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 149 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 73.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 84.0 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 47.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 192 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 80.2 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 56.9 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 72.8 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 52.7 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 64.7 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 79.4 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 87.5 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 146 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 101 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 83.6 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 79.0 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 136 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |

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# Sample Information

**Client Sample ID:** SP-4 8-10ft

**York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 | 70.1 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 150 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 98.4 | 194 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 18:43 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *79.9 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *68.0 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *107 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *64.5 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *62.9 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *99.7 %* | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 146 | 146 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.4 | 14.4 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 11.5 | 11.5 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.88 | 2.88 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:38 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |

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# Sample Information

**Client Sample ID:** **SP-4 8-10ft** **York Sample ID:** **13B0526-08**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 29.6 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 11.9 | 29.6 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:10 | JW |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *164 %* | *S-GC* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *116 %* | | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **9980** | | mg/kg dry | 1.19 | 2.32 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.256 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-38-2 | Arsenic | **2.44** | | mg/kg dry | 0.395 | 1.16 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-39-3 | Barium | **40.8** | | mg/kg dry | 0.151 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.116 | 0.116 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.116 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-70-2 | Calcium | **1330** | | mg/kg dry | 0.046 | 5.81 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-47-3 | Chromium | **19.7** | | mg/kg dry | 0.139 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-48-4 | Cobalt | **8.08** | | mg/kg dry | 0.093 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-50-8 | Copper | **18.0** | | mg/kg dry | 0.139 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7439-89-6 | Iron | **15400** | | mg/kg dry | 0.755 | 2.32 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7439-92-1 | Lead | **8.75** | | mg/kg dry | 0.198 | 0.349 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7439-95-4 | Magnesium | **3490** | | mg/kg dry | 0.523 | 5.81 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7439-96-5 | Manganese | **184** | | mg/kg dry | 0.128 | 1.16 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-02-0 | Nickel | **18.2** | | mg/kg dry | 0.151 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-09-7 | Potassium | **1340** | | mg/kg dry | 3.93 | 11.6 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7782-49-2 | Selenium | **2.19** | | mg/kg dry | 0.581 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.116 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-23-5 | Sodium | **266** | | mg/kg dry | 6.12 | 11.6 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.372 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-62-2 | Vanadium | **24.4** | | mg/kg dry | 0.128 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |
| 7440-66-6 | Zinc | **47.8** | | mg/kg dry | 0.105 | 0.581 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:14 | MW |

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## Sample Information

**Client Sample ID:** SP-4 8-10ft **York Sample ID:** 13B0526-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 19, 2013 3:00 pm | 02/20/2013 |

### Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/kg dry | 0.109 | 0.116 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | **86.1** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.407 | 0.581 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-5 0-2ft **York Sample ID:** 13B0526-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |

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# Sample Information

**Client Sample ID:** **SP-5 0-2ft** **York Sample ID:** **13B0526-09**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 16 | 59 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 67-64-1 | Acetone | **5.8** | J | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-5 0-2ft

**York Sample ID:** 13B0526-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 3.0 | 5.9 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 3.0 | 18 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 3.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 06:33 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *101 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *102 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *95.3 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 75.7 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 100 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 120 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 114 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 56-55-3 | Benzo(a)anthracene | **650** | | ug/kg dry | 78.2 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 50-32-8 | Benzo(a)pyrene | **586** | | ug/kg dry | 82.8 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **582** | | ug/kg dry | 175 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | **82.0** | J | ug/kg dry | 69.4 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 209 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **586** | | ug/kg dry | 209 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 115 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 101 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |

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# Sample Information

**Client Sample ID:** SP-5 0-2ft

**York Sample ID:** 13B0526-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 141 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 54.4 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 72.0 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 107 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 73.6 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 144 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 113 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 69.0 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 123 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 218-01-9 | Chrysene | **716** | | ug/kg dry | 96.2 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 84.1 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 97.5 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 84-74-2 | Di-n-butyl phthalate | **1700** | | ug/kg dry | 84.9 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 137 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 129 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 66.1 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 110 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 171 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 131 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 146 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 93.3 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 264 | 418 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 182 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 176 | 418 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 108 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 92.5 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 209 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 206-44-0 | Fluoranthene | **1300** | | ug/kg dry | 123 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 100 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 123 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 70.7 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 156 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 59.8 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **113** | J | ug/kg dry | 95.4 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-5 0-2ft** **York Sample ID:** **13B0526-09**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-59-1 | Isophorone | ND | | ug/kg dry | 72.0 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 161 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 79.5 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 90.8 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 51.5 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 208 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 86.6 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 61.5 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 78.6 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 56.9 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 69.9 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 85.8 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 94.5 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 158 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 85-01-8 | Phenanthrene | **605** | | ug/kg dry | 109 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 90.4 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 129-00-0 | Pyrene | **1270** | | ug/kg dry | 85.3 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 147 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 75.7 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 162 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 106 | 209 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:14 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *85.7 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *72.7 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *98.3 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *69.1 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *69.5 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *96.3 %* | *30-130* |

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# Sample Information

**Client Sample ID:** **SP-5 0-2ft** **York Sample ID:** **13B0526-09**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 157 | 157 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 15.5 | 15.5 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 12.4 | 12.4 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 50-29-3 | 4,4'-DDT | **14.6** | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 72-55-9 | 4,4'-DDE | **4.23** | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 3.11 | 3.11 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:57 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 32.0 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 12.8 | 32.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:03 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *111 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *77.6 %* | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-5 0-2ft** **York Sample ID:** **13B0526-09**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **7260** | | mg/kg dry | 1.28 | 2.51 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-36-0 | Antimony | **1.87** | | mg/kg dry | 0.276 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-38-2 | Arsenic | **12.3** | | mg/kg dry | 0.427 | 1.26 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-39-3 | Barium | **595** | | mg/kg dry | 0.163 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.126 | 0.126 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-43-9 | Cadmium | **2.13** | | mg/kg dry | 0.126 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-70-2 | Calcium | **11500** | | mg/kg dry | 0.050 | 6.28 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-47-3 | Chromium | **22.5** | | mg/kg dry | 0.151 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-48-4 | Cobalt | **6.85** | | mg/kg dry | 0.100 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-50-8 | Copper | **120** | | mg/kg dry | 0.151 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7439-89-6 | Iron | **26400** | | mg/kg dry | 0.816 | 2.51 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7439-92-1 | Lead | **534** | | mg/kg dry | 0.213 | 0.377 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7439-95-4 | Magnesium | **4780** | | mg/kg dry | 0.565 | 6.28 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7439-96-5 | Manganese | **275** | | mg/kg dry | 0.138 | 1.26 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-02-0 | Nickel | **43.4** | | mg/kg dry | 0.163 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-09-7 | Potassium | **924** | | mg/kg dry | 4.24 | 12.6 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7782-49-2 | Selenium | **5.78** | | mg/kg dry | 0.628 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.126 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-23-5 | Sodium | **417** | | mg/kg dry | 6.61 | 12.6 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.402 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-62-2 | Vanadium | **41.8** | | mg/kg dry | 0.138 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |
| 7440-66-6 | Zinc | **923** | | mg/kg dry | 0.113 | 0.628 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:19 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | **0.251** | | mg/kg dry | 0.118 | 0.126 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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ANALYTICAL LABORATORIES, INC.

## Sample Information

**Client Sample ID:** SP-5 0-2ft **York Sample ID:** 13B0526-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **79.7** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

**Chromium, Hexavalent** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.439 | 0.628 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-5 8-10ft **York Sample ID:** 13B0526-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-5 8-10ft

**York Sample ID:** 13B0526-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 11 | 40 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 67-64-1 | Acetone | **2.7** | J | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-5 8-10ft

**York Sample ID:** 13B0526-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.0 | 4.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.0 | 12 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.0 | 8.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:08 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *96.7 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *95.8 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *94.6 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 64.8 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 86.0 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 102 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 97.8 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 67.0 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 70.9 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 150 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 59.5 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 179 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 179 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 98.9 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 86.3 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 121 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 46.6 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 61.6 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-5 8-10ft

**York Sample ID:** 13B0526-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 91.4 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 63.1 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 124 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 96.7 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 59.1 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 105 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 82.4 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 72.0 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 83.5 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 72.7 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 117 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 110 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 56.6 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 93.9 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 146 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 112 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 125 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 79.9 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 156 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 226 | 358 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 150 | 358 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 92.1 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 79.2 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 179 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 105 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 86.0 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 106 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 60.5 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 133 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 51.2 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 81.7 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 61.6 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 138 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 68.1 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |

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# Sample Information

**Client Sample ID:** **SP-5 8-10ft** **York Sample ID:** **13B0526-10**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 77.7 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 44.1 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 178 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 74.2 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 52.7 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 67.3 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 48.7 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 59.8 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 73.4 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 81.0 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 135 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 93.5 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 77.4 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 73.1 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 126 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 64.8 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 139 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 91.0 | 179 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 19:45 | SR |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *98.8 %* | | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *78.2 %* | | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *136 %* | *S-04* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *76.6 %* | | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *68.7 %* | | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *115 %* | | *30-130* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-5 8-10ft

**York Sample ID:** 13B0526-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 135 | 135 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 13.3 | 13.3 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 10.6 | 10.6 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.66 | 2.66 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:53 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 27.4 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 11.0 | 27.4 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:30 | JW |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *168 %* | *S-GC* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *126 %* | | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-5 8-10ft** **York Sample ID:** **13B0526-10**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **5710** | | mg/kg dry | 1.10 | 2.15 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.236 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-38-2 | Arsenic | **1.26** | | mg/kg dry | 0.365 | 1.07 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-39-3 | Barium | **24.5** | | mg/kg dry | 0.140 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.107 | 0.107 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.107 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-70-2 | Calcium | **1030** | | mg/kg dry | 0.043 | 5.37 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-47-3 | Chromium | **13.0** | | mg/kg dry | 0.129 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-48-4 | Cobalt | **5.31** | | mg/kg dry | 0.086 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-50-8 | Copper | **11.5** | | mg/kg dry | 0.129 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7439-89-6 | Iron | **9160** | | mg/kg dry | 0.699 | 2.15 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7439-92-1 | Lead | **3.07** | | mg/kg dry | 0.183 | 0.322 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7439-95-4 | Magnesium | **2620** | | mg/kg dry | 0.484 | 5.37 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7439-96-5 | Manganese | **163** | | mg/kg dry | 0.118 | 1.07 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-02-0 | Nickel | **14.2** | | mg/kg dry | 0.140 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-09-7 | Potassium | **864** | | mg/kg dry | 3.63 | 10.7 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7782-49-2 | Selenium | **1.74** | | mg/kg dry | 0.537 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.107 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-23-5 | Sodium | **203** | | mg/kg dry | 5.66 | 10.7 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.344 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-62-2 | Vanadium | **14.3** | | mg/kg dry | 0.118 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |
| 7440-66-6 | Zinc | **22.4** | | mg/kg dry | 0.097 | 0.537 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:23 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/kg dry | 0.101 | 0.107 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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## Sample Information

**Client Sample ID:** SP-5 8-10ft **York Sample ID:** 13B0526-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **93.0** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

**Chromium, Hexavalent** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.376 | 0.537 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-6 0-2ft **York Sample ID:** 13B0526-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |

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# Sample Information

**Client Sample ID:** SP-6 0-2ft

**York Sample ID:** 13B0526-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 18 | 70 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |

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# Sample Information

**Client Sample ID:** **SP-6 0-2ft** **York Sample ID:** **13B0526-11**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 3.5 | 7.0 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 3.5 | 21 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 3.5 | 14 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 07:43 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *95.2 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *98.3 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *93.9 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 728 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 966 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 1150 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 1100 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 56-55-3 | Benzo(a)anthracene | **3050** | | ug/kg dry | 753 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 50-32-8 | Benzo(a)pyrene | **3470** | | ug/kg dry | 797 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **3220** | | ug/kg dry | 1690 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | **1920** | J | ug/kg dry | 668 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 2010 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **3920** | | ug/kg dry | 2010 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 1110 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 970 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 1360 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 523 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 692 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 1030 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |

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# Sample Information

**Client Sample ID:** SP-6 0-2ft

**York Sample ID:** 13B0526-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 708 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 1390 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 1090 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 664 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 1180 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 218-01-9 | Chrysene | **3310** | | ug/kg dry | 926 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 809 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 938 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 817 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 1320 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 1240 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 636 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 1050 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 1640 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 1260 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 1410 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 897 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 2540 | 4020 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 1750 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 1690 | 4020 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 1030 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 889 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 2010 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 206-44-0 | Fluoranthene | **6260** | | ug/kg dry | 1180 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 966 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 1190 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 680 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 1500 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 575 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **2180** | | ug/kg dry | 918 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 692 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 1550 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 765 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 873 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-6 0-2ft** **York Sample ID:** **13B0526-11**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 495 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 2000 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 833 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 592 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 757 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 547 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 672 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 825 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 910 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 1520 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 85-01-8 | Phenanthrene | **3770** | | ug/kg dry | 1050 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 869 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 129-00-0 | Pyrene | **5170** | | ug/kg dry | 821 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 1410 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 728 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 1560 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 1020 | 2010 | 10 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:45 | SR |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *47.6 %* | | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *51.0 %* | | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *53.2 %* | | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *29.1 %* | *S-04* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *43.7 %* | | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *64.6 %* | | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 151 | 151 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 14.9 | 14.9 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |

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# Sample Information

**Client Sample ID:** **SP-6 0-2ft** **York Sample ID:** **13B0526-11**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 57-74-9 | Chlordane, total | **101** | | ug/kg dry | 12.0 | 12.0 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 50-29-3 | 4,4'-DDT | **64.5** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 72-55-9 | 4,4'-DDE | **17.0** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 72-54-8 | 4,4'-DDD | **13.1** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:12 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 12.3 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:22 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *109 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *84.8 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **7330** | | mg/kg dry | 1.23 | 2.41 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-36-0 | Antimony | **1.93** | | mg/kg dry | 0.266 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-38-2 | Arsenic | **8.27** | | mg/kg dry | 0.410 | 1.21 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-39-3 | Barium | **1480** | | mg/kg dry | 0.157 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.121 | 0.121 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-43-9 | Cadmium | **1.53** | | mg/kg dry | 0.121 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-70-2 | Calcium | **24200** | | mg/kg dry | 0.048 | 6.04 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-47-3 | Chromium | **21.9** | | mg/kg dry | 0.145 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-48-4 | Cobalt | **6.72** | | mg/kg dry | 0.097 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |

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## Sample Information

**Client Sample ID:** SP-6 0-2ft **York Sample ID:** 13B0526-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7440-50-8 | Copper | **198** | | mg/kg dry | 0.145 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7439-89-6 | Iron | **20700** | | mg/kg dry | 0.785 | 2.41 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7439-92-1 | Lead | **673** | | mg/kg dry | 0.205 | 0.362 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7439-95-4 | Magnesium | **3310** | | mg/kg dry | 0.543 | 6.04 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7439-96-5 | Manganese | **260** | | mg/kg dry | 0.133 | 1.21 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-02-0 | Nickel | **25.4** | | mg/kg dry | 0.157 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-09-7 | Potassium | **1020** | | mg/kg dry | 4.08 | 12.1 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7782-49-2 | Selenium | **4.47** | | mg/kg dry | 0.604 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.121 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-23-5 | Sodium | **353** | | mg/kg dry | 6.36 | 12.1 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.386 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-62-2 | Vanadium | **28.5** | | mg/kg dry | 0.133 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |
| 7440-66-6 | Zinc | **1030** | | mg/kg dry | 0.109 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:28 | MW |

### Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | **0.241** | | mg/kg dry | 0.113 | 0.121 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | **82.8** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.423 | 0.604 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-6 8-10ft **York Sample ID:** 13B0526-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-6 8-10ft

**York Sample ID:** 13B0526-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 13 | 51 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |

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# Sample Information

**Client Sample ID:** **SP-6 8-10ft** **York Sample ID:** **13B0526-12**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.5 | 15 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 12:50 | 02/22/2013 08:18 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *102 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *99.1 %* | *72-127* |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-6 8-10ft

**York Sample ID:** 13B0526-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2037-26-5 | *Surrogate: Toluene-d8* | *91.0 %* | | | *84-117* | | | | | | |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 63.9 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 84.8 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 101 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 96.4 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 66.0 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 69.9 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 148 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 58.6 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 177 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 177 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 97.5 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 85.1 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 119 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 45.9 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 60.7 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 90.1 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 62.2 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 122 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 95.4 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 58.3 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 103 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 81.2 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 71.0 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 82.3 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 71.7 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 115 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 109 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 55.8 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 92.5 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 144 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-6 8-10ft

**York Sample ID:** 13B0526-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 111 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 124 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 78.8 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 154 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 222 | 353 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 148 | 353 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 90.8 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 78.0 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 177 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 103 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 84.8 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 104 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 59.7 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 131 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 50.5 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 80.5 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 60.7 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 136 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 67.1 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 76.6 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 43.4 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 176 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 73.1 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 51.9 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 66.4 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 48.0 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 59.0 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 72.4 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 79.8 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 133 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 92.2 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 76.3 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 72.0 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 124 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |

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ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-6 8-10ft

**York Sample ID:** 13B0526-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 | 63.9 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 137 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 89.7 | 177 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 20:46 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *76.5 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *65.2 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *108 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *60.4 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *59.7 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *93.8 %* | *30-130* |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 133 | 133 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 13.1 | 13.1 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 10.5 | 10.5 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.62 | 2.62 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:08 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |

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# Sample Information

**Client Sample ID:** **SP-6 8-10ft** **York Sample ID:** **13B0526-12**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 27.0 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 10.8 | 27.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 18:50 | JW |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *161 %* | *S-GC* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *122 %* | | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **6330** | | mg/kg dry | 1.08 | 2.12 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.233 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-38-2 | Arsenic | **1.42** | | mg/kg dry | 0.360 | 1.06 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-39-3 | Barium | **25.8** | | mg/kg dry | 0.138 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.106 | 0.106 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.106 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-70-2 | Calcium | **1010** | | mg/kg dry | 0.042 | 5.30 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-47-3 | Chromium | **13.6** | | mg/kg dry | 0.127 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-48-4 | Cobalt | **5.77** | | mg/kg dry | 0.085 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-50-8 | Copper | **17.9** | | mg/kg dry | 0.127 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7439-89-6 | Iron | **10600** | | mg/kg dry | 0.689 | 2.12 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7439-92-1 | Lead | **4.35** | | mg/kg dry | 0.180 | 0.318 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7439-95-4 | Magnesium | **2530** | | mg/kg dry | 0.477 | 5.30 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7439-96-5 | Manganese | **184** | | mg/kg dry | 0.117 | 1.06 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-02-0 | Nickel | **15.2** | | mg/kg dry | 0.138 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-09-7 | Potassium | **827** | | mg/kg dry | 3.58 | 10.6 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7782-49-2 | Selenium | **1.85** | | mg/kg dry | 0.530 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.106 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-23-5 | Sodium | **193** | | mg/kg dry | 5.58 | 10.6 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.339 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-62-2 | Vanadium | **15.3** | | mg/kg dry | 0.117 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |
| 7440-66-6 | Zinc | **30.0** | | mg/kg dry | 0.095 | 0.530 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:32 | MW |

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## Sample Information

**Client Sample ID:** SP-6 8-10ft **York Sample ID:** 13B0526-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/kg dry | 0.0996 | 0.106 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | 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 | **94.4** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.371 | 0.530 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-7 0-2ft **York Sample ID:** 13B0526-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |

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# Sample Information

**Client Sample ID:** SP-7 0-2ft

**York Sample ID:** 13B0526-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 12 | 47 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |

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# Sample Information

**Client Sample ID:** SP-7 0-2ft

**York Sample ID:** 13B0526-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.4 | 4.7 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.4 | 14 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.4 | 9.5 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:21 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *105 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *90.2 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *98.5 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 1460 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 1930 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 2300 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 2200 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 56-55-3 | Benzo(a)anthracene | **5290** | | ug/kg dry | 1510 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 50-32-8 | Benzo(a)pyrene | **4510** | | ug/kg dry | 1600 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 205-99-2 | Benzo(b)fluoranthene | **4310** | | ug/kg dry | 3380 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | **2510** | J | ug/kg dry | 1340 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 4030 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 207-08-9 | Benzo(k)fluoranthene | **4170** | | ug/kg dry | 4030 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 2220 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 1940 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |

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# Sample Information

**Client Sample ID:** SP-7 0-2ft

**York Sample ID:** 13B0526-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 2720 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 1050 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 1390 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 2050 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 1420 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **70400** | | ug/kg dry | 2780 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 2180 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 1330 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 2360 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 218-01-9 | Chrysene | **4380** | | ug/kg dry | 1850 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 1620 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 1880 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 1640 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2630 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2480 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 1270 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 2110 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 3290 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 2530 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 2820 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 1800 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 5080 | 8060 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 3510 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 3380 | 8060 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 2070 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 1780 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 4030 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 206-44-0 | Fluoranthene | **9490** | | ug/kg dry | 2360 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 1930 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 2380 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 1360 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 3000 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 1150 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | **2370** | J | ug/kg dry | 1840 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-7 0-2ft** **York Sample ID:** **13B0526-13**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 78-59-1 | Isophorone | ND | | ug/kg dry | 1390 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 3090 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 1530 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 1750 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 991 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 4000 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 1670 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 1180 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 1510 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 1100 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 1350 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 1650 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 1820 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 3040 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 85-01-8 | Phenanthrene | **3670** | J | ug/kg dry | 2100 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 1740 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 129-00-0 | Pyrene | **8020** | | ug/kg dry | 1640 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 2830 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 1460 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 3130 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 2050 | 4030 | 20 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/26/2013 13:53 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *65.6 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *73.6 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *59.5 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *41.9 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *50.9 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *97.2 %* | *30-130* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-7 0-2ft** **York Sample ID:** **13B0526-13**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 151 | 151 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 15.0 | 15.0 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 57-74-9 | Chlordane, total | **27.2** | | ug/kg dry | 12.0 | 12.0 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 50-29-3 | 4,4'-DDT | **40.7** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 72-55-9 | 4,4'-DDE | **9.92** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 72-54-8 | 4,4'-DDD | **6.41** | | ug/kg dry | 2.99 | 2.99 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 12:27 | JW |
| 11096-82-5 | Aroclor 1260 | **86.9** | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 30.8 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |
| 1336-36-3 | Total PCBs | **86.9** | | ug/kg dry | 12.3 | 30.8 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/26/2013 11:42 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *104 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *77.0 %* | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-7 0-2ft** **York Sample ID:** **13B0526-13**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **11600** | | mg/kg dry | 1.23 | 2.42 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-36-0 | Antimony | **1.78** | | mg/kg dry | 0.266 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-38-2 | Arsenic | **12.7** | | mg/kg dry | 0.411 | 1.21 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-39-3 | Barium | **584** | | mg/kg dry | 0.157 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.121 | 0.121 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-43-9 | Cadmium | **1.15** | | mg/kg dry | 0.121 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-70-2 | Calcium | **11200** | | mg/kg dry | 0.048 | 6.04 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-47-3 | Chromium | **26.0** | | mg/kg dry | 0.145 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-48-4 | Cobalt | **12.3** | | mg/kg dry | 0.097 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-50-8 | Copper | **112** | | mg/kg dry | 0.145 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7439-89-6 | Iron | **31700** | | mg/kg dry | 0.786 | 2.42 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7439-92-1 | Lead | **1190** | | mg/kg dry | 0.205 | 0.363 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7439-95-4 | Magnesium | **4300** | | mg/kg dry | 0.544 | 6.04 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7439-96-5 | Manganese | **449** | | mg/kg dry | 0.133 | 1.21 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-02-0 | Nickel | **36.1** | | mg/kg dry | 0.157 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-09-7 | Potassium | **2310** | | mg/kg dry | 4.08 | 12.1 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7782-49-2 | Selenium | **5.99** | | mg/kg dry | 0.604 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.121 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-23-5 | Sodium | **297** | | mg/kg dry | 6.37 | 12.1 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.387 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-62-2 | Vanadium | **48.9** | | mg/kg dry | 0.133 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |
| 7440-66-6 | Zinc | **996** | | mg/kg dry | 0.109 | 0.604 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:36 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | **0.278** | | mg/kg dry | 0.114 | 0.121 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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## Sample Information

**Client Sample ID:** SP-7 0-2ft **York Sample ID:** 13B0526-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Total Solids

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **82.7** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

### Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.423 | 0.604 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** SP-7 8-10ft **York Sample ID:** 13B0526-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-7 8-10ft

**York Sample ID:** 13B0526-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 123-91-1 | 1,4-Dioxane | ND | | ug/kg dry | 13 | 51 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 67-64-1 | Acetone | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 71-43-2 | Benzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-25-2 | Bromoform | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 74-83-9 | Bromomethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-00-3 | Chloroethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 67-66-3 | Chloroform | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 74-87-3 | Chloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 95-47-6 | o-Xylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-7 8-10ft

**York Sample ID:** 13B0526-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 100-42-5 | Styrene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 108-88-3 | Toluene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/kg dry | 2.5 | 5.1 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/kg dry | 2.5 | 15 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/kg dry | 2.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 08:20 | 02/21/2013 19:56 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *110 %* | *73-130* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *88.3 %* | *72-127* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *96.9 %* | *84-117* |

## Semi-Volatiles, 8270 Target List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 61.5 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 81.5 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 62-53-3 | Aniline | ND | | ug/kg dry | 97.2 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 92.8 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 63.5 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 67.3 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 142 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 56.4 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/kg dry | 170 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 170 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/kg dry | 93.8 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/kg dry | 81.9 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/kg dry | 115 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/kg dry | 44.2 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/kg dry | 58.4 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-7 8-10ft

**York Sample ID:** 13B0526-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/kg dry | 86.6 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/kg dry | 59.8 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/kg dry | 117 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/kg dry | 91.7 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/kg dry | 56.1 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/kg dry | 99.6 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 218-01-9 | Chrysene | ND | | ug/kg dry | 78.2 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 68.3 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 79.2 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/kg dry | 69.0 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/kg dry | 111 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/kg dry | 105 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/kg dry | 53.7 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/kg dry | 89.0 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/kg dry | 139 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/kg dry | 107 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/kg dry | 119 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/kg dry | 75.8 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/kg dry | 148 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/kg dry | 214 | 340 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/kg dry | 143 | 340 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/kg dry | 87.3 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/kg dry | 75.1 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/kg dry | 170 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/kg dry | 99.6 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 81.5 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 100 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/kg dry | 57.4 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/kg dry | 126 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/kg dry | 48.6 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 77.5 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 78-59-1 | Isophorone | ND | | ug/kg dry | 58.4 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/kg dry | 130 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 64.6 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-7 8-10ft** **York Sample ID:** **13B0526-14**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/kg dry | 73.7 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 41.8 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/kg dry | 169 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/kg dry | 70.3 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/kg dry | 49.9 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/kg dry | 63.9 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/kg dry | 46.2 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/kg dry | 56.7 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/kg dry | 69.7 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/kg dry | 76.8 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 128 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 88.7 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 73.4 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 129-00-0 | Pyrene | ND | | ug/kg dry | 69.3 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 110-86-1 | Pyridine | ND | | ug/kg dry | 119 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/kg dry | 61.5 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/kg dry | 132 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/kg dry | 86.3 | 170 | 1 | EPA SW-846 8270C | 02/22/2013 07:27 | 02/25/2013 14:30 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *70.7 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *62.6 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *70.2 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *65.6 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *69.1 %* | *15-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *74.6 %* | *30-130* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** SP-7 8-10ft

**York Sample ID:** 13B0526-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/kg dry | 128 | 128 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/kg dry | 12.6 | 12.6 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 72-20-8 | Endrin | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/kg dry | 10.1 | 10.1 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 2.52 | 2.52 | 5 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 20:23 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/kg dry | 26.0 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/kg dry | 10.4 | 26.0 | 1 | EPA SW 846-8081/8082 | 02/21/2013 14:19 | 02/25/2013 19:09 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *149 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *116 %* | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SP-7 8-10ft** **York Sample ID:** **13B0526-14**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **4160** | | mg/kg dry | 1.04 | 2.04 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-36-0 | Antimony | ND | | mg/kg dry | 0.224 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-38-2 | Arsenic | ND | | mg/kg dry | 0.347 | 1.02 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-39-3 | Barium | **19.0** | | mg/kg dry | 0.133 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-41-7 | Beryllium | ND | | mg/kg dry | 0.102 | 0.102 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-43-9 | Cadmium | ND | | mg/kg dry | 0.102 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-70-2 | Calcium | **670** | | mg/kg dry | 0.041 | 5.10 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-47-3 | Chromium | **8.98** | | mg/kg dry | 0.122 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-48-4 | Cobalt | **4.76** | | mg/kg dry | 0.082 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-50-8 | Copper | **11.2** | | mg/kg dry | 0.122 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7439-89-6 | Iron | **7590** | | mg/kg dry | 0.663 | 2.04 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7439-92-1 | Lead | **2.34** | | mg/kg dry | 0.173 | 0.306 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7439-95-4 | Magnesium | **1810** | | mg/kg dry | 0.459 | 5.10 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7439-96-5 | Manganese | **144** | | mg/kg dry | 0.112 | 1.02 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-02-0 | Nickel | **11.6** | | mg/kg dry | 0.133 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-09-7 | Potassium | **648** | | mg/kg dry | 3.45 | 10.2 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7782-49-2 | Selenium | **1.57** | | mg/kg dry | 0.510 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.102 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-23-5 | Sodium | **159** | | mg/kg dry | 5.37 | 10.2 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-28-0 | Thallium | ND | | mg/kg dry | 0.326 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-62-2 | Vanadium | **11.8** | | mg/kg dry | 0.112 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | MW |
| 7440-66-6 | Zinc | **16.4** | | mg/kg dry | 0.092 | 0.510 | 1 | EPA SW846-6010B | 02/21/2013 15:33 | 02/22/2013 01:41 | 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 | 0.0958 | 0.102 | 1 | EPA SW846-7471 | 02/21/2013 14:13 | 02/22/2013 08:51 | AA |

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## Sample Information

**Client Sample ID:** SP-7 8-10ft **York Sample ID:** 13B0526-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Soil | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| solids | % Solids | **98.1** | | % | 0.100 | 0.100 | 1 | SM 2540G | 02/22/2013 14:26 | 02/22/2013 14:26 | AMC |

**Chromium, Hexavalent** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.357 | 0.510 | 1 | SW846-7196A | 02/25/2013 08:37 | 02/25/2013 08:37 | AMC |

## Sample Information

**Client Sample ID:** Field Blank **York Sample ID:** 13B0526-15

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0526-15**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 67-64-1 | Acetone | **12** | | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 67-66-3 | Chloroform | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0526-15**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:02 | 02/21/2013 16:02 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *104 %* | *72.6-129* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *95.3 %* | *63.5-145* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *94.6 %* | *81.2-127* |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/L | 1.82 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/L | 1.78 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 62-53-3 | Aniline | ND | | ug/L | 1.54 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 120-12-7 | Anthracene | ND | | ug/L | 1.22 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/L | 1.34 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/L | 1.33 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/L | 1.45 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/L | 1.49 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/L | 1.75 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/L | 1.88 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/L | 0.874 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/L | 1.36 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/L | 1.94 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/L | 3.06 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/L | 1.82 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/L | 1.54 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0526-15**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/L | 3.07 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **24.0** | B | ug/L | 4.90 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/L | 2.26 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/L | 1.84 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/L | 2.51 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 218-01-9 | Chrysene | ND | | ug/L | 1.51 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/L | 1.60 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/L | 2.47 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/L | 2.10 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 2.68 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 2.55 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 2.27 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/L | 1.30 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/L | 1.94 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/L | 2.63 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/L | 1.64 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/L | 1.96 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/L | 1.66 | 10.3 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/L | 2.31 | 10.3 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/L | 1.65 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/L | 1.65 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/L | 1.15 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/L | 1.27 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 86-73-7 | Fluorene | ND | | ug/L | 1.88 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/L | 1.30 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 2.86 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/L | 2.59 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/L | 3.12 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/L | 1.74 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 78-59-1 | Isophorone | ND | | ug/L | 2.75 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/L | 2.83 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/L | 1.15 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/L | 1.19 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 91-20-3 | Naphthalene | ND | | ug/L | 2.04 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0526-15**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-01-6 | 4-Nitroaniline | ND | | ug/L | 2.75 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/L | 1.72 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/L | 1.72 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/L | 1.73 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/L | 2.42 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/L | 1.70 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/L | 2.63 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/L | 0.399 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/L | 5.13 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/L | 1.49 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/L | 1.41 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 108-95-2 | Phenol | ND | | ug/L | 1.13 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 129-00-0 | Pyrene | ND | | ug/L | 1.77 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 110-86-1 | Pyridine | ND | | ug/L | 4.01 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 2.53 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/L | 1.79 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/L | 1.96 | 5.13 | 1 | EPA 8270C/625 | 02/22/2013 07:56 | 02/25/2013 15:02 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *73.4 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *55.7 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *33.5 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *65.5 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *20.1 %* | *10-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *75.7 %* | *30-130* |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/L | 0.00513 | 0.00513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 76-44-8 | Heptachlor | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 72-20-8 | Endrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0526-15**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1031-07-8 | Endosulfan sulfate | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 60-57-1 | Dieldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 319-86-8 | delta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/L | 0.00410 | 0.00410 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 319-85-7 | beta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 309-00-2 | Aldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 13:27 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 07:42 | 02/26/2013 15:20 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *69.3 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *73.4 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | ND | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-39-3 | Barium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-70-2 | Calcium | ND | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |

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## Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0526-15**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 18, 2013 3:00 pm | 02/20/2013 |

### Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7439-89-6 | Iron | ND | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7439-95-4 | Magnesium | ND | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7439-96-5 | Manganese | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-02-0 | Nickel | ND | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-09-7 | Potassium | ND | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-23-5 | Sodium | **0.274** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | MW |
| 7440-66-6 | Zinc | ND | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/21/2013 15:28 | 02/21/2013 22:40 | 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 | 02/22/2013 17:03 | 02/22/2013 17:03 | AA |

### Chromium, Hexavalent

**Log-in Notes:** **Sample Notes:** **HT-02**

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/20/2013 16:30 | 02/20/2013 16:30 | AMC |

## Sample Information

**Client Sample ID:** **Trip Blank** **York Sample ID:** **13B0526-16**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 19, 2013 3:00 pm | 02/20/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **Trip Blank** **York Sample ID:** **13B0526-16**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 19, 2013 3:00 pm | 02/20/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 67-64-1 | Acetone | ND | | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 67-66-3 | Chloroform | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **Trip Blank** **York Sample ID:** **13B0526-16**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0526 | #130027 3357-3361 3rd Avenue Bronx, NY | Water | February 19, 2013 3:00 pm | 02/20/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-09-2 | Methylene chloride | ND | | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/21/2013 16:43 | 02/21/2013 16:43 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *101 %* | *72.6-129* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *96.0 %* | *63.5-145* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *95.4 %* | *81.2-127* |

YORK
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# Analytical Batch Summary

**Batch ID:** BB30636 **Preparation Method:** EPA 5030B **Prepared By:** EKM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-15 | Field Blank | 02/21/13 |
| 13B0526-16 | Trip Blank | 02/21/13 |
| BB30636-BLK1 | Blank | 02/21/13 |
| BB30636-BS1 | LCS | 02/21/13 |
| BB30636-BSD1 | LCS Dup | 02/21/13 |

**Batch ID:** BB30640 **Preparation Method:** EPA 5035A **Prepared By:** EKM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-13 | SP-7 0-2ft | 02/21/13 |
| 13B0526-14 | SP-7 8-10ft | 02/21/13 |
| BB30640-BLK1 | Blank | 02/21/13 |
| BB30640-BS1 | LCS | 02/21/13 |
| BB30640-BSD1 | LCS Dup | 02/21/13 |

**Batch ID:** BB30648 **Preparation Method:** EPA 5035A **Prepared By:** EKM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/21/13 |
| 13B0526-02 | SP-1 12-14ft | 02/21/13 |
| 13B0526-03 | SP-2 0-2ft | 02/21/13 |
| 13B0526-04 | SP-2 8-10ft | 02/21/13 |
| 13B0526-05 | SP-3 0-2ft | 02/21/13 |
| 13B0526-06 | SP-3 8-10ft | 02/21/13 |
| 13B0526-07 | SP-4 0-2ft | 02/21/13 |
| 13B0526-08 | SP-4 8-10ft | 02/21/13 |
| 13B0526-09 | SP-5 0-2ft | 02/21/13 |
| 13B0526-10 | SP-5 8-10ft | 02/21/13 |
| 13B0526-11 | SP-6 0-2ft | 02/21/13 |
| 13B0526-12 | SP-6 8-10ft | 02/21/13 |
| BB30648-BLK1 | Blank | 02/21/13 |
| BB30648-BS1 | LCS | 02/21/13 |
| BB30648-BSD1 | LCS Dup | 02/21/13 |

**Batch ID:** BB30655 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/21/13 |
| 13B0526-02 | SP-1 12-14ft | 02/21/13 |
| 13B0526-03 | SP-2 0-2ft | 02/21/13 |
| 13B0526-04 | SP-2 8-10ft | 02/21/13 |
| 13B0526-05 | SP-3 0-2ft | 02/21/13 |
| 13B0526-06 | SP-3 8-10ft | 02/21/13 |
| 13B0526-07 | SP-4 0-2ft | 02/21/13 |
| 13B0526-08 | SP-4 8-10ft | 02/21/13 |
| 13B0526-09 | SP-5 0-2ft | 02/21/13 |
| 13B0526-10 | SP-5 8-10ft | 02/21/13 |

| | | |
|---|---|---|
| 13B0526-11 | SP-6 0-2ft | 02/21/13 |
| 13B0526-12 | SP-6 8-10ft | 02/21/13 |
| 13B0526-13 | SP-7 0-2ft | 02/21/13 |
| 13B0526-14 | SP-7 8-10ft | 02/21/13 |
| BB30655-BLK1 | Blank | 02/21/13 |
| BB30655-BS1 | LCS | 02/21/13 |

**Batch ID:** BB30656 **Preparation Method:** EPA 3550B **Prepared By:** DB

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/21/13 |
| 13B0526-02 | SP-1 12-14ft | 02/21/13 |
| 13B0526-03 | SP-2 0-2ft | 02/21/13 |
| 13B0526-04 | SP-2 8-10ft | 02/21/13 |
| 13B0526-05 | SP-3 0-2ft | 02/21/13 |
| 13B0526-06 | SP-3 8-10ft | 02/21/13 |
| 13B0526-07 | SP-4 0-2ft | 02/21/13 |
| 13B0526-08 | SP-4 8-10ft | 02/21/13 |
| 13B0526-09 | SP-5 0-2ft | 02/21/13 |
| 13B0526-10 | SP-5 8-10ft | 02/21/13 |
| 13B0526-11 | SP-6 0-2ft | 02/21/13 |
| 13B0526-12 | SP-6 8-10ft | 02/21/13 |
| 13B0526-13 | SP-7 0-2ft | 02/21/13 |
| 13B0526-14 | SP-7 8-10ft | 02/21/13 |
| BB30656-BLK1 | Blank | 02/21/13 |
| BB30656-BS1 | LCS | 02/21/13 |
| BB30656-BS2 | LCS | 02/21/13 |
| BB30656-MS1 | Matrix Spike | 02/21/13 |
| BB30656-MSD1 | Matrix Spike Dup | 02/21/13 |

**Batch ID:** BB30661 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-15 | Field Blank | 02/20/13 |
| BB30661-BLK1 | Blank | 02/20/13 |
| BB30661-BS1 | LCS | 02/20/13 |

**Batch ID:** BB30671 **Preparation Method:** EPA 3010A **Prepared By:** MW

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-15 | Field Blank | 02/21/13 |
| BB30671-BLK1 | Blank | 02/21/13 |
| BB30671-SRM1 | Reference | 02/21/13 |
| BB30671-SRM2 | Reference | 02/21/13 |

**Batch ID:** BB30672 **Preparation Method:** EPA 3050B **Prepared By:** MW

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/21/13 |
| 13B0526-02 | SP-1 12-14ft | 02/21/13 |
| 13B0526-03 | SP-2 0-2ft | 02/21/13 |
| 13B0526-04 | SP-2 8-10ft | 02/21/13 |

| | | |
|---|---|---|
| 13B0526-05 | SP-3 0-2ft | 02/21/13 |
| 13B0526-06 | SP-3 8-10ft | 02/21/13 |
| 13B0526-07 | SP-4 0-2ft | 02/21/13 |
| 13B0526-08 | SP-4 8-10ft | 02/21/13 |
| 13B0526-09 | SP-5 0-2ft | 02/21/13 |
| 13B0526-10 | SP-5 8-10ft | 02/21/13 |
| 13B0526-11 | SP-6 0-2ft | 02/21/13 |
| 13B0526-12 | SP-6 8-10ft | 02/21/13 |
| 13B0526-13 | SP-7 0-2ft | 02/21/13 |
| 13B0526-14 | SP-7 8-10ft | 02/21/13 |
| BB30672-BLK1 | Blank | 02/21/13 |
| BB30672-SRM1 | Reference | 02/21/13 |

**Batch ID:** BB30677 **Preparation Method:** EPA 3550B **Prepared By:** CC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/22/13 |
| 13B0526-02 | SP-1 12-14ft | 02/22/13 |
| 13B0526-03 | SP-2 0-2ft | 02/22/13 |
| 13B0526-04 | SP-2 8-10ft | 02/22/13 |
| 13B0526-05 | SP-3 0-2ft | 02/22/13 |
| 13B0526-06 | SP-3 8-10ft | 02/22/13 |
| 13B0526-07 | SP-4 0-2ft | 02/22/13 |
| 13B0526-08 | SP-4 8-10ft | 02/22/13 |
| 13B0526-09 | SP-5 0-2ft | 02/22/13 |
| 13B0526-10 | SP-5 8-10ft | 02/22/13 |
| 13B0526-11 | SP-6 0-2ft | 02/22/13 |
| 13B0526-12 | SP-6 8-10ft | 02/22/13 |
| 13B0526-13 | SP-7 0-2ft | 02/22/13 |
| 13B0526-14 | SP-7 8-10ft | 02/22/13 |
| BB30677-BLK1 | Blank | 02/22/13 |
| BB30677-BS1 | LCS | 02/22/13 |
| BB30677-MS1 | Matrix Spike | 02/22/13 |
| BB30677-MSD1 | Matrix Spike Dup | 02/22/13 |

**Batch ID:** BB30679 **Preparation Method:** EPA 3510C **Prepared By:** KAM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-15 | Field Blank | 02/22/13 |
| BB30679-BLK1 | Blank | 02/22/13 |
| BB30679-BLK2 | Blank | 02/22/13 |
| BB30679-BS1 | LCS | 02/22/13 |
| BB30679-BS2 | LCS | 02/22/13 |
| BB30679-BSD1 | LCS Dup | 02/22/13 |

**Batch ID:** BB30680 **Preparation Method:** EPA SW846-3060 **Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/25/13 |
| 13B0526-02 | SP-1 12-14ft | 02/25/13 |
| 13B0526-03 | SP-2 0-2ft | 02/25/13 |
| 13B0526-04 | SP-2 8-10ft | 02/25/13 |
| 13B0526-05 | SP-3 0-2ft | 02/25/13 |

| | | |
|---|---|---|
| 13B0526-06 | SP-3 8-10ft | 02/25/13 |
| 13B0526-07 | SP-4 0-2ft | 02/25/13 |
| 13B0526-08 | SP-4 8-10ft | 02/25/13 |
| 13B0526-09 | SP-5 0-2ft | 02/25/13 |
| 13B0526-10 | SP-5 8-10ft | 02/25/13 |
| 13B0526-11 | SP-6 0-2ft | 02/25/13 |
| 13B0526-12 | SP-6 8-10ft | 02/25/13 |
| 13B0526-13 | SP-7 0-2ft | 02/25/13 |
| 13B0526-14 | SP-7 8-10ft | 02/25/13 |
| BB30680-BLK1 | Blank | 02/25/13 |
| BB30680-DUP1 | Duplicate | 02/25/13 |
| BB30680-MS1 | Matrix Spike | 02/25/13 |
| BB30680-SRM1 | Reference | 02/25/13 |

**Batch ID:** BB30704 **Preparation Method:** % Solids Prep **Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 02/22/13 |
| 13B0526-02 | SP-1 12-14ft | 02/22/13 |
| 13B0526-03 | SP-2 0-2ft | 02/22/13 |
| 13B0526-04 | SP-2 8-10ft | 02/22/13 |
| 13B0526-05 | SP-3 0-2ft | 02/22/13 |
| 13B0526-06 | SP-3 8-10ft | 02/22/13 |
| 13B0526-07 | SP-4 0-2ft | 02/22/13 |
| 13B0526-08 | SP-4 8-10ft | 02/22/13 |
| 13B0526-09 | SP-5 0-2ft | 02/22/13 |
| 13B0526-10 | SP-5 8-10ft | 02/22/13 |
| 13B0526-11 | SP-6 0-2ft | 02/22/13 |
| 13B0526-12 | SP-6 8-10ft | 02/22/13 |
| 13B0526-13 | SP-7 0-2ft | 02/22/13 |
| 13B0526-14 | SP-7 8-10ft | 02/22/13 |

**Batch ID:** BB30725 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-15 | Field Blank | 02/22/13 |
| BB30725-BLK1 | Blank | 02/22/13 |
| BB30725-BS1 | LCS | 02/22/13 |

**Batch ID:** BB30734 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0526-15 | Field Blank | 02/25/13 |
| BB30734-BLK1 | Blank | 02/25/13 |
| BB30734-BS1 | LCS | 02/25/13 |
| BB30734-BS2 | LCS | 02/25/13 |
| BB30734-BSD1 | LCS Dup | 02/25/13 |
| BB30734-BSD2 | LCS Dup | 02/25/13 |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30636 - EPA 5030B** | | | | | | | | | | | |
| **Blank (BB30636-BLK1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/L | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 2,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 2-Butanone | ND | 10 | " | | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| Acetone | ND | 10 | " | | | | | | | | |
| Benzene | ND | 5.0 | " | | | | | | | | |
| Bromobenzene | ND | 5.0 | " | | | | | | | | |
| Bromochloromethane | ND | 5.0 | " | | | | | | | | |
| Bromodichloromethane | ND | 5.0 | " | | | | | | | | |
| Bromoform | ND | 5.0 | " | | | | | | | | |
| Bromomethane | ND | 5.0 | " | | | | | | | | |
| Carbon tetrachloride | ND | 5.0 | " | | | | | | | | |
| Chlorobenzene | ND | 5.0 | " | | | | | | | | |
| Chloroethane | ND | 5.0 | " | | | | | | | | |
| Chloroform | ND | 5.0 | " | | | | | | | | |
| Chloromethane | ND | 5.0 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Dibromochloromethane | ND | 5.0 | " | | | | | | | | |
| Dibromomethane | ND | 5.0 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | " | | | | | | | | |
| Ethyl Benzene | ND | 5.0 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.0 | " | | | | | | | | |
| Isopropylbenzene | ND | 5.0 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | " | | | | | | | | |
| Methylene chloride | ND | 10 | " | | | | | | | | |
| Naphthalene | ND | 10 | " | | | | | | | | |
| n-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| n-Propylbenzene | ND | 5.0 | " | | | | | | | | |
| o-Xylene | ND | 5.0 | " | | | | | | | | |
| p- & m- Xylenes | ND | 10 | " | | | | | | | | |
| p-Isopropyltoluene | ND | 5.0 | " | | | | | | | | |
| sec-Butylbenzene | ND | 5.0 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30636 - EPA 5030B** | | | | | | | | | | | |
| **Blank (BB30636-BLK1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Styrene | ND | 5.0 | ug/L | | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| Tetrachloroethylene | ND | 5.0 | " | | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Trichloroethylene | ND | 5.0 | " | | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | " | | | | | | | | |
| Vinyl Chloride | ND | 5.0 | " | | | | | | | | |
| Xylenes, Total | ND | 15 | " | | | | | | | | |
| Vinyl acetate | ND | 10 | " | | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *49.5* | | *"* | *50.0* | | *99.0* | *72.6-129* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *48.0* | | *"* | *50.0* | | *96.0* | *63.5-145* | | | | |
| *Surrogate: Toluene-d8* | *47.7* | | *"* | *50.0* | | *95.5* | *81.2-127* | | | | |
| **LCS (BB30636-BS1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| 1,1,1,2-Tetrachloroethane | 48 | | ug/L | 50.0 | | 96.1 | 82.3-130 | | | | |
| 1,1,1-Trichloroethane | 51 | | " | 50.0 | | 101 | 75.6-137 | | | | |
| 1,1,2,2-Tetrachloroethane | 49 | | " | 50.0 | | 97.0 | 71.3-131 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 55 | | " | 50.0 | | 109 | 71.1-129 | | | | |
| 1,1,2-Trichloroethane | 48 | | " | 50.0 | | 95.8 | 74.5-129 | | | | |
| 1,1-Dichloroethane | 51 | | " | 50.0 | | 101 | 79.6-132 | | | | |
| 1,1-Dichloroethylene | 51 | | " | 50.0 | | 102 | 80.2-146 | | | | |
| 1,1-Dichloropropylene | 48 | | " | 50.0 | | 96.1 | 75-136 | | | | |
| 1,2,3-Trichlorobenzene | 49 | | " | 50.0 | | 98.2 | 66.1-136 | | | | |
| 1,2,3-Trichloropropane | 49 | | " | 50.0 | | 98.7 | 63-131 | | | | |
| 1,2,4-Trichlorobenzene | 48 | | " | 50.0 | | 96.9 | 70.6-136 | | | | |
| 1,2,4-Trimethylbenzene | 46 | | " | 50.0 | | 91.5 | 75.3-135 | | | | |
| 1,2-Dibromo-3-chloropropane | 45 | | " | 50.0 | | 89.9 | 58.9-140 | | | | |
| 1,2-Dibromoethane | 50 | | " | 50.0 | | 101 | 79-130 | | | | |
| 1,2-Dichlorobenzene | 48 | | " | 50.0 | | 95.7 | 76.1-122 | | | | |
| 1,2-Dichloroethane | 51 | | " | 50.0 | | 103 | 74.6-132 | | | | |
| 1,2-Dichloropropane | 47 | | " | 50.0 | | 94.5 | 76.9-129 | | | | |
| 1,3,5-Trimethylbenzene | 46 | | " | 50.0 | | 92.0 | 70.6-127 | | | | |
| 1,3-Dichlorobenzene | 47 | | " | 50.0 | | 94.4 | 77-124 | | | | |
| 1,3-Dichloropropane | 48 | | " | 50.0 | | 96.6 | 75.8-126 | | | | |
| 1,4-Dichlorobenzene | 48 | | " | 50.0 | | 95.2 | 76.6-125 | | | | |
| 2,2-Dichloropropane | 52 | | " | 50.0 | | 103 | 69-133 | | | | |
| 2-Butanone | 45 | | " | 50.0 | | 90.4 | 70-130 | | | | |
| 2-Chlorotoluene | 45 | | " | 50.0 | | 90.4 | 66.3-119 | | | | |
| 4-Chlorotoluene | 47 | | " | 50.0 | | 93.9 | 69.2-127 | | | | |
| Acetone | 35 | | " | 50.0 | | 70.0 | 70-130 | | | | |
| Benzene | 49 | | " | 50.0 | | 98.8 | 76.2-129 | | | | |
| Bromobenzene | 46 | | " | 50.0 | | 92.1 | 71.3-123 | | | | |
| Bromochloromethane | 50 | | " | 50.0 | | 99.9 | 70.8-137 | | | | |
| Bromodichloromethane | 49 | | " | 50.0 | | 97.8 | 79.7-134 | | | | |
| Bromoform | 51 | | " | 50.0 | | 102 | 70.5-141 | | | | |
| Bromomethane | 41 | | " | 50.0 | | 81.9 | 43.9-147 | | | | |
| Carbon tetrachloride | 52 | | " | 50.0 | | 104 | 78.1-138 | | | | |
| Chlorobenzene | 48 | | " | 50.0 | | 95.8 | 80.4-125 | | | | |
| Chloroethane | 46 | | " | 50.0 | | 91.5 | 55.8-140 | | | | |
| Chloroform | 51 | | " | 50.0 | | 101 | 76.6-133 | | | | |
| Chloromethane | 39 | | " | 50.0 | | 77.6 | 48.8-115 | | | | |
| cis-1,2-Dichloroethylene | 50 | | " | 50.0 | | 101 | 75.1-128 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30636 - EPA 5030B** | | | | | | | | | | | |
| **LCS (BB30636-BS1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| cis-1,3-Dichloropropylene | 48 | | ug/L | 50.0 | | 96.8 | 74.5-128 | | | | |
| Dibromochloromethane | 51 | | " | 50.0 | | 103 | 79.8-134 | | | | |
| Dibromomethane | 49 | | " | 50.0 | | 98.4 | 79-130 | | | | |
| Dichlorodifluoromethane | 28 | | " | 50.0 | | 57.0 | 47.1-101 | | | | |
| Ethyl Benzene | 47 | | " | 50.0 | | 94.8 | 80.8-128 | | | | |
| Hexachlorobutadiene | 47 | | " | 50.0 | | 94.6 | 64.8-128 | | | | |
| Isopropylbenzene | 46 | | " | 50.0 | | 91.3 | 75.5-135 | | | | |
| Methyl tert-butyl ether (MTBE) | 45 | | " | 50.0 | | 91.0 | 65.1-140 | | | | |
| Methylene chloride | 49 | | " | 50.0 | | 97.1 | 61.3-120 | | | | |
| Naphthalene | 51 | | " | 50.0 | | 101 | 62.3-148 | | | | |
| n-Butylbenzene | 45 | | " | 50.0 | | 89.9 | 67.2-123 | | | | |
| n-Propylbenzene | 46 | | " | 50.0 | | 91.9 | 70.5-127 | | | | |
| o-Xylene | 46 | | " | 50.0 | | 92.3 | 75.9-122 | | | | |
| p- & m- Xylenes | 96 | | " | 100 | | 96.1 | 77.7-127 | | | | |
| p-Isopropyltoluene | 47 | | " | 50.0 | | 94.6 | 75.6-129 | | | | |
| sec-Butylbenzene | 46 | | " | 50.0 | | 92.6 | 71.5-125 | | | | |
| Styrene | 49 | | " | 50.0 | | 97.1 | 77.8-123 | | | | |
| tert-Butylbenzene | 47 | | " | 50.0 | | 94.3 | 75.9-151 | | | | |
| Tetrachloroethylene | 46 | | " | 50.0 | | 92.9 | 63.6-167 | | | | |
| Toluene | 46 | | " | 50.0 | | 92.9 | 77-123 | | | | |
| trans-1,2-Dichloroethylene | 50 | | " | 50.0 | | 99.3 | 76.3-139 | | | | |
| trans-1,3-Dichloropropylene | 49 | | " | 50.0 | | 98.1 | 72.5-137 | | | | |
| Trichloroethylene | 47 | | " | 50.0 | | 94.8 | 77.9-130 | | | | |
| Trichlorofluoromethane | 47 | | " | 50.0 | | 94.6 | 57.4-133 | | | | |
| Vinyl Chloride | 43 | | " | 50.0 | | 85.1 | 54.9-124 | | | | |
| Vinyl acetate | 25 | | " | 50.0 | | 50.8 | 70-130 | Low Bias | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *51.2* | | *"* | *50.0* | | *102* | *72.6-129* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *50.2* | | *"* | *50.0* | | *100* | *63.5-145* | | | | |
| *Surrogate: Toluene-d8* | *49.0* | | *"* | *50.0* | | *98.0* | *81.2-127* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30636 - EPA 5030B** | | | | | | | | | | | |
| **LCS Dup (BB30636-BSD1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| 1,1,1,2-Tetrachloroethane | 48 | | ug/L | 50.0 | | 95.9 | 82.3-130 | | 0.250 | 21.1 | |
| 1,1,1-Trichloroethane | 53 | | " | 50.0 | | 106 | 75.6-137 | | 4.65 | 19.7 | |
| 1,1,2,2-Tetrachloroethane | 47 | | " | 50.0 | | 94.7 | 71.3-131 | | 2.42 | 20.8 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 57 | | " | 50.0 | | 114 | 71.1-129 | | 4.63 | 21.7 | |
| 1,1,2-Trichloroethane | 46 | | " | 50.0 | | 92.7 | 74.5-129 | | 3.29 | 20.3 | |
| 1,1-Dichloroethane | 53 | | " | 50.0 | | 105 | 79.6-132 | | 3.64 | 20.6 | |
| 1,1-Dichloroethylene | 54 | | " | 50.0 | | 107 | 80.2-146 | | 5.41 | 20 | |
| 1,1-Dichloropropylene | 50 | | " | 50.0 | | 99.5 | 75-136 | | 3.54 | 19.3 | |
| 1,2,3-Trichlorobenzene | 46 | | " | 50.0 | | 92.2 | 66.1-136 | | 6.37 | 21.6 | |
| 1,2,3-Trichloropropane | 48 | | " | 50.0 | | 95.2 | 63-131 | | 3.61 | 23.9 | |
| 1,2,4-Trichlorobenzene | 47 | | " | 50.0 | | 93.9 | 70.6-136 | | 3.21 | 21.7 | |
| 1,2,4-Trimethylbenzene | 45 | | " | 50.0 | | 90.1 | 75.3-135 | | 1.61 | 18.8 | |
| 1,2-Dibromo-3-chloropropane | 45 | | " | 50.0 | | 90.7 | 58.9-140 | | 0.886 | 27.7 | |
| 1,2-Dibromoethane | 49 | | " | 50.0 | | 97.3 | 79-130 | | 3.61 | 23 | |
| 1,2-Dichlorobenzene | 47 | | " | 50.0 | | 94.0 | 76.1-122 | | 1.81 | 19.8 | |
| 1,2-Dichloroethane | 53 | | " | 50.0 | | 105 | 74.6-132 | | 2.50 | 20.2 | |
| 1,2-Dichloropropane | 46 | | " | 50.0 | | 92.6 | 76.9-129 | | 2.03 | 20.7 | |
| 1,3,5-Trimethylbenzene | 46 | | " | 50.0 | | 92.4 | 70.6-127 | | 0.412 | 18.9 | |
| 1,3-Dichlorobenzene | 46 | | " | 50.0 | | 92.6 | 77-124 | | 1.88 | 19.2 | |
| 1,3-Dichloropropane | 47 | | " | 50.0 | | 94.7 | 75.8-126 | | 1.94 | 22.1 | |
| 1,4-Dichlorobenzene | 46 | | " | 50.0 | | 92.9 | 76.6-125 | | 2.42 | 18.6 | |
| 2,2-Dichloropropane | 53 | | " | 50.0 | | 106 | 69-133 | | 3.03 | 19.8 | |
| 2-Butanone | 43 | | " | 50.0 | | 85.4 | 70-130 | | 5.69 | 30 | |
| 2-Chlorotoluene | 44 | | " | 50.0 | | 88.9 | 66.3-119 | | 1.74 | 21.6 | |
| 4-Chlorotoluene | 47 | | " | 50.0 | | 94.3 | 69.2-127 | | 0.383 | 19 | |
| Acetone | 37 | | " | 50.0 | | 73.3 | 70-130 | | 4.63 | 30 | |
| Benzene | 52 | | " | 50.0 | | 103 | 76.2-129 | | 4.67 | 19 | |
| Bromobenzene | 46 | | " | 50.0 | | 92.4 | 71.3-123 | | 0.282 | 20.3 | |
| Bromochloromethane | 51 | | " | 50.0 | | 102 | 70.8-137 | | 2.37 | 23.9 | |
| Bromodichloromethane | 48 | | " | 50.0 | | 96.1 | 79.7-134 | | 1.75 | 21 | |
| Bromoform | 48 | | " | 50.0 | | 96.9 | 70.5-141 | | 5.25 | 21.8 | |
| Bromomethane | 42 | | " | 50.0 | | 84.9 | 43.9-147 | | 3.60 | 28.4 | |
| Carbon tetrachloride | 55 | | " | 50.0 | | 110 | 78.1-138 | | 4.83 | 20.1 | |
| Chlorobenzene | 48 | | " | 50.0 | | 96.2 | 80.4-125 | | 0.333 | 19.9 | |
| Chloroethane | 48 | | " | 50.0 | | 95.5 | 55.8-140 | | 4.34 | 23.3 | |
| Chloroform | 52 | | " | 50.0 | | 104 | 76.6-133 | | 3.13 | 20.3 | |
| Chloromethane | 41 | | " | 50.0 | | 81.5 | 48.8-115 | | 4.95 | 24.5 | |
| cis-1,2-Dichloroethylene | 52 | | " | 50.0 | | 104 | 75.1-128 | | 2.94 | 20.5 | |
| cis-1,3-Dichloropropylene | 49 | | " | 50.0 | | 97.8 | 74.5-128 | | 1.01 | 19.9 | |
| Dibromochloromethane | 50 | | " | 50.0 | | 101 | 79.8-134 | | 2.14 | 21.3 | |
| Dibromomethane | 50 | | " | 50.0 | | 99.4 | 79-130 | | 0.970 | 22.4 | |
| Dichlorodifluoromethane | 29 | | " | 50.0 | | 58.7 | 47.1-101 | | 2.94 | 23.9 | |
| Ethyl Benzene | 48 | | " | 50.0 | | 95.7 | 80.8-128 | | 0.903 | 19.2 | |
| Hexachlorobutadiene | 45 | | " | 50.0 | | 90.6 | 64.8-128 | | 4.26 | 20.6 | |
| Isopropylbenzene | 46 | | " | 50.0 | | 91.7 | 75.5-135 | | 0.437 | 20 | |
| Methyl tert-butyl ether (MTBE) | 46 | | " | 50.0 | | 91.5 | 65.1-140 | | 0.570 | 23.6 | |
| Methylene chloride | 52 | | " | 50.0 | | 103 | 61.3-120 | | 5.94 | 20.4 | |
| Naphthalene | 47 | | " | 50.0 | | 93.2 | 62.3-148 | | 8.17 | 27.1 | |
| n-Butylbenzene | 44 | | " | 50.0 | | 87.9 | 67.2-123 | | 2.23 | 19.1 | |
| n-Propylbenzene | 46 | | " | 50.0 | | 91.9 | 70.5-127 | | 0.0871 | 23.4 | |
| o-Xylene | 46 | | " | 50.0 | | 91.6 | 75.9-122 | | 0.718 | 19.3 | |
| p- & m- Xylenes | 97 | | " | 100 | | 96.6 | 77.7-127 | | 0.540 | 18.6 | |
| p-Isopropyltoluene | 47 | | " | 50.0 | | 93.2 | 75.6-129 | | 1.45 | 19.1 | |
| sec-Butylbenzene | 46 | | " | 50.0 | | 93.0 | 71.5-125 | | 0.409 | 18.9 | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30636 - EPA 5030B** | | | | | | | | | | | |
| **LCS Dup (BB30636-BSD1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Styrene | 48 | | ug/L | 50.0 | | 96.2 | 77.8-123 | | 0.973 | 20.9 | |
| tert-Butylbenzene | 47 | | " | 50.0 | | 94.5 | 75.9-151 | | 0.191 | 20.9 | |
| Tetrachloroethylene | 48 | | " | 50.0 | | 96.6 | 63.6-167 | | 3.88 | 27.7 | |
| Toluene | 47 | | " | 50.0 | | 93.6 | 77-123 | | 0.751 | 18.7 | |
| trans-1,2-Dichloroethylene | 51 | | " | 50.0 | | 103 | 76.3-139 | | 3.56 | 19.5 | |
| trans-1,3-Dichloropropylene | 47 | | " | 50.0 | | 93.3 | 72.5-137 | | 5.01 | 19.3 | |
| Trichloroethylene | 48 | | " | 50.0 | | 96.1 | 77.9-130 | | 1.34 | 20.5 | |
| Trichlorofluoromethane | 48 | | " | 50.0 | | 96.8 | 57.4-133 | | 2.34 | 21.4 | |
| Vinyl Chloride | 43 | | " | 50.0 | | 86.9 | 54.9-124 | | 2.09 | 22.3 | |
| Vinyl acetate | 25 | | " | 50.0 | | 49.8 | 70-130 | Low Bias | 1.91 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *51.3* | | *"* | *50.0* | | *103* | *72.6-129* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *48.4* | | *"* | *50.0* | | *96.9* | *63.5-145* | | | | |
| *Surrogate: Toluene-d8* | *48.2* | | *"* | *50.0* | | *96.4* | *81.2-127* | | | | |
| **Batch BB30640 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BB30640-BLK1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/kg wet | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,4-Dioxane | ND | 50 | " | | | | | | | | |
| 2,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 2-Butanone | ND | 10 | " | | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| Acetone | ND | 10 | " | | | | | | | | |
| Benzene | ND | 5.0 | " | | | | | | | | |
| Bromobenzene | ND | 5.0 | " | | | | | | | | |
| Bromochloromethane | ND | 5.0 | " | | | | | | | | |
| Bromodichloromethane | ND | 5.0 | " | | | | | | | | |
| Bromoform | ND | 5.0 | " | | | | | | | | |
| Bromomethane | ND | 5.0 | " | | | | | | | | |
| Carbon tetrachloride | ND | 5.0 | " | | | | | | | | |
| Chlorobenzene | ND | 5.0 | " | | | | | | | | |
| Chloroethane | ND | 5.0 | " | | | | | | | | |
| Chloroform | ND | 5.0 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30640 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BB30640-BLK1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Chloromethane | ND | 5.0 | ug/kg wet | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Dibromochloromethane | ND | 5.0 | " | | | | | | | | |
| Dibromomethane | ND | 5.0 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | " | | | | | | | | |
| Ethyl Benzene | ND | 5.0 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.0 | " | | | | | | | | |
| Isopropylbenzene | ND | 5.0 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | " | | | | | | | | |
| Methylene chloride | ND | 10 | " | | | | | | | | |
| Naphthalene | ND | 10 | " | | | | | | | | |
| n-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| n-Propylbenzene | ND | 5.0 | " | | | | | | | | |
| o-Xylene | ND | 5.0 | " | | | | | | | | |
| p- & m- Xylenes | ND | 10 | " | | | | | | | | |
| p-Isopropyltoluene | ND | 5.0 | " | | | | | | | | |
| sec-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| Styrene | ND | 5.0 | " | | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| Tetrachloroethylene | ND | 5.0 | " | | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Trichloroethylene | ND | 5.0 | " | | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | " | | | | | | | | |
| Vinyl Chloride | ND | 5.0 | " | | | | | | | | |
| Xylenes, Total | ND | 15 | " | | | | | | | | |
| Vinyl acetate | ND | 10 | " | | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *54.2* | | *ug/L* | *50.0* | | *108* | *73-130* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *46.0* | | *"* | *50.0* | | *92.0* | *72-127* | | | | |
| *Surrogate: Toluene-d8* | *49.4* | | *"* | *50.0* | | *98.9* | *84-117* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30640 - EPA 5035A** | | | | | | | | | | | |
| **LCS (BB30640-BS1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| 1,1,1,2-Tetrachloroethane | 48 | | ug/L | 50.0 | | 95.7 | 72-132 | | | | |
| 1,1,1-Trichloroethane | 50 | | " | 50.0 | | 99.4 | 77-131 | | | | |
| 1,1,2,2-Tetrachloroethane | 46 | | " | 50.0 | | 91.8 | 68-129 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 54 | | " | 50.0 | | 109 | 75-143 | | | | |
| 1,1,2-Trichloroethane | 47 | | " | 50.0 | | 95.0 | 72-128 | | | | |
| 1,1-Dichloroethane | 49 | | " | 50.0 | | 98.8 | 78-133 | | | | |
| 1,1-Dichloroethylene | 49 | | " | 50.0 | | 98.2 | 71-142 | | | | |
| 1,1-Dichloropropylene | 48 | | " | 50.0 | | 96.2 | 77-124 | | | | |
| 1,2,3-Trichlorobenzene | 46 | | " | 50.0 | | 91.6 | 65-134 | | | | |
| 1,2,3-Trichloropropane | 46 | | " | 50.0 | | 92.9 | 65-127 | | | | |
| 1,2,4-Trichlorobenzene | 46 | | " | 50.0 | | 92.2 | 59-133 | | | | |
| 1,2,4-Trimethylbenzene | 44 | | " | 50.0 | | 88.7 | 68-128 | | | | |
| 1,2-Dibromo-3-chloropropane | 55 | | " | 50.0 | | 111 | 58-145 | | | | |
| 1,2-Dibromoethane | 50 | | " | 50.0 | | 101 | 73-128 | | | | |
| 1,2-Dichlorobenzene | 45 | | " | 50.0 | | 90.5 | 69-126 | | | | |
| 1,2-Dichloroethane | 53 | | " | 50.0 | | 105 | 78-131 | | | | |
| 1,2-Dichloropropane | 50 | | " | 50.0 | | 100 | 72-129 | | | | |
| 1,3,5-Trimethylbenzene | 44 | | " | 50.0 | | 87.9 | 67-125 | | | | |
| 1,3-Dichlorobenzene | 46 | | " | 50.0 | | 91.6 | 67-125 | | | | |
| 1,3-Dichloropropane | 49 | | " | 50.0 | | 98.6 | 73-126 | | | | |
| 1,4-Dichlorobenzene | 44 | | " | 50.0 | | 88.5 | 67-127 | | | | |
| 1,4-Dioxane | 70 | | " | 50.0 | | 140 | 10-265 | | | | |
| 2,2-Dichloropropane | 49 | | " | 50.0 | | 97.8 | 68-133 | | | | |
| 2-Butanone | 52 | | " | 50.0 | | 104 | 49-138 | | | | |
| 2-Chlorotoluene | 51 | | " | 50.0 | | 103 | 61-121 | | | | |
| 4-Chlorotoluene | 46 | | " | 50.0 | | 92.4 | 65-126 | | | | |
| Acetone | 50 | | " | 50.0 | | 101 | 21-131 | | | | |
| Benzene | 49 | | " | 50.0 | | 97.4 | 81-125 | | | | |
| Bromobenzene | 46 | | " | 50.0 | | 92.3 | 65-125 | | | | |
| Bromochloromethane | 50 | | " | 50.0 | | 99.5 | 78-127 | | | | |
| Bromodichloromethane | 51 | | " | 50.0 | | 102 | 73-131 | | | | |
| Bromoform | 48 | | " | 50.0 | | 95.7 | 66-137 | | | | |
| Bromomethane | 39 | | " | 50.0 | | 78.3 | 55-144 | | | | |
| Carbon tetrachloride | 52 | | " | 50.0 | | 103 | 74-137 | | | | |
| Chlorobenzene | 48 | | " | 50.0 | | 95.6 | 75-127 | | | | |
| Chloroethane | 49 | | " | 50.0 | | 97.8 | 65-138 | | | | |
| Chloroform | 50 | | " | 50.0 | | 99.5 | 82-128 | | | | |
| Chloromethane | 46 | | " | 50.0 | | 91.6 | 51-138 | | | | |
| cis-1,2-Dichloroethylene | 48 | | " | 50.0 | | 96.2 | 77-130 | | | | |
| cis-1,3-Dichloropropylene | 50 | | " | 50.0 | | 101 | 68-123 | | | | |
| Dibromochloromethane | 50 | | " | 50.0 | | 101 | 73-136 | | | | |
| Dibromomethane | 50 | | " | 50.0 | | 99.5 | 75-131 | | | | |
| Dichlorodifluoromethane | 36 | | " | 50.0 | | 72.1 | 10-183 | | | | |
| Ethyl Benzene | 49 | | " | 50.0 | | 98.6 | 75-130 | | | | |
| Hexachlorobutadiene | 48 | | " | 50.0 | | 96.7 | 59-130 | | | | |
| Isopropylbenzene | 45 | | " | 50.0 | | 90.4 | 68-135 | | | | |
| Methyl tert-butyl ether (MTBE) | 43 | | " | 50.0 | | 85.2 | 76-136 | | | | |
| Methylene chloride | 49 | | " | 50.0 | | 97.6 | 55-143 | | | | |
| Naphthalene | 49 | | " | 50.0 | | 98.5 | 65-140 | | | | |
| n-Butylbenzene | 45 | | " | 50.0 | | 89.4 | 63-123 | | | | |
| n-Propylbenzene | 46 | | " | 50.0 | | 91.5 | 65-127 | | | | |
| o-Xylene | 48 | | " | 50.0 | | 95.6 | 71-123 | | | | |
| p- & m- Xylenes | 99 | | " | 100 | | 98.8 | 72-127 | | | | |
| p-Isopropyltoluene | 45 | | " | 50.0 | | 91.0 | 69-128 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30640 - EPA 5035A** | | | | | | | | | | | |
| **LCS (BB30640-BS1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| sec-Butylbenzene | 47 | | ug/L | 50.0 | | 93.4 | 69-125 | | | | |
| Styrene | 49 | | " | 50.0 | | 97.0 | 74-127 | | | | |
| tert-Butylbenzene | 45 | | " | 50.0 | | 91.0 | 59-164 | | | | |
| Tetrachloroethylene | 51 | | " | 50.0 | | 101 | 65-151 | | | | |
| Toluene | 47 | | " | 50.0 | | 94.6 | 72-127 | | | | |
| trans-1,2-Dichloroethylene | 47 | | " | 50.0 | | 93.4 | 73-137 | | | | |
| trans-1,3-Dichloropropylene | 50 | | " | 50.0 | | 100 | 67-131 | | | | |
| Trichloroethylene | 49 | | " | 50.0 | | 98.1 | 73-129 | | | | |
| Trichlorofluoromethane | 47 | | " | 50.0 | | 93.7 | 69-136 | | | | |
| Vinyl Chloride | 47 | | " | 50.0 | | 93.3 | 58-132 | | | | |
| Vinyl acetate | 23 | | " | 50.0 | | 45.2 | 10-84 | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *52.3* | | *"* | *50.0* | | *105* | *73-130* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *47.7* | | *"* | *50.0* | | *95.5* | *72-127* | | | | |
| *Surrogate: Toluene-d8* | *48.9* | | *"* | *50.0* | | *97.8* | *84-117* | | | | |
| **LCS Dup (BB30640-BSD1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| 1,1,1,2-Tetrachloroethane | 48 | | ug/L | 50.0 | | 96.0 | 72-132 | | 0.313 | 30 | |
| 1,1,1-Trichloroethane | 48 | | " | 50.0 | | 96.9 | 77-131 | | 2.57 | 30 | |
| 1,1,2,2-Tetrachloroethane | 45 | | " | 50.0 | | 89.5 | 68-129 | | 2.49 | 30 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 54 | | " | 50.0 | | 107 | 75-143 | | 1.39 | 30 | |
| 1,1,2-Trichloroethane | 46 | | " | 50.0 | | 91.6 | 72-128 | | 3.62 | 30 | |
| 1,1-Dichloroethane | 50 | | " | 50.0 | | 99.6 | 78-133 | | 0.807 | 30 | |
| 1,1-Dichloroethylene | 48 | | " | 50.0 | | 96.4 | 71-142 | | 1.83 | 30 | |
| 1,1-Dichloropropylene | 47 | | " | 50.0 | | 94.9 | 77-124 | | 1.36 | 30 | |
| 1,2,3-Trichlorobenzene | 47 | | " | 50.0 | | 93.3 | 65-134 | | 1.86 | 30 | |
| 1,2,3-Trichloropropane | 46 | | " | 50.0 | | 92.8 | 65-127 | | 0.0862 | 30 | |
| 1,2,4-Trichlorobenzene | 46 | | " | 50.0 | | 92.7 | 59-133 | | 0.454 | 30 | |
| 1,2,4-Trimethylbenzene | 44 | | " | 50.0 | | 88.9 | 68-128 | | 0.293 | 30 | |
| 1,2-Dibromo-3-chloropropane | 54 | | " | 50.0 | | 109 | 58-145 | | 1.44 | 30 | |
| 1,2-Dibromoethane | 46 | | " | 50.0 | | 92.8 | 73-128 | | 8.32 | 30 | |
| 1,2-Dichlorobenzene | 46 | | " | 50.0 | | 92.6 | 69-126 | | 2.29 | 30 | |
| 1,2-Dichloroethane | 50 | | " | 50.0 | | 101 | 78-131 | | 4.24 | 30 | |
| 1,2-Dichloropropane | 48 | | " | 50.0 | | 96.5 | 72-129 | | 3.68 | 30 | |
| 1,3,5-Trimethylbenzene | 45 | | " | 50.0 | | 90.7 | 67-125 | | 3.07 | 30 | |
| 1,3-Dichlorobenzene | 46 | | " | 50.0 | | 92.5 | 67-125 | | 0.956 | 30 | |
| 1,3-Dichloropropane | 47 | | " | 50.0 | | 94.8 | 73-126 | | 3.87 | 30 | |
| 1,4-Dichlorobenzene | 45 | | " | 50.0 | | 89.6 | 67-127 | | 1.30 | 30 | |
| 1,4-Dioxane | 66 | | " | 50.0 | | 132 | 10-265 | | 6.33 | 30 | |
| 2,2-Dichloropropane | 46 | | " | 50.0 | | 93.0 | 68-133 | | 5.03 | 30 | |
| 2-Butanone | 42 | | " | 50.0 | | 83.0 | 49-138 | | 22.5 | 30 | |
| 2-Chlorotoluene | 52 | | " | 50.0 | | 103 | 61-121 | | 0.291 | 30 | |
| 4-Chlorotoluene | 47 | | " | 50.0 | | 94.3 | 65-126 | | 2.04 | 30 | |
| Acetone | 47 | | " | 50.0 | | 94.1 | 21-131 | | 6.93 | 30 | |
| Benzene | 48 | | " | 50.0 | | 96.6 | 81-125 | | 0.784 | 30 | |
| Bromobenzene | 46 | | " | 50.0 | | 93.0 | 65-125 | | 0.691 | 30 | |
| Bromochloromethane | 49 | | " | 50.0 | | 98.5 | 78-127 | | 1.05 | 30 | |
| Bromodichloromethane | 49 | | " | 50.0 | | 98.4 | 73-131 | | 3.20 | 30 | |
| Bromoform | 47 | | " | 50.0 | | 93.6 | 66-137 | | 2.20 | 30 | |
| Bromomethane | 42 | | " | 50.0 | | 84.7 | 55-144 | | 7.85 | 30 | |
| Carbon tetrachloride | 52 | | " | 50.0 | | 104 | 74-137 | | 0.677 | 30 | |
| Chlorobenzene | 47 | | " | 50.0 | | 93.3 | 75-127 | | 2.43 | 30 | |
| Chloroethane | 51 | | " | 50.0 | | 103 | 65-138 | | 4.79 | 30 | |
| Chloroform | 50 | | " | 50.0 | | 99.1 | 82-128 | | 0.463 | 30 | |
| Chloromethane | 44 | | " | 50.0 | | 87.8 | 51-138 | | 4.17 | 30 | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30640 - EPA 5035A** | | | | | | | | | | | |
| **LCS Dup (BB30640-BSD1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| cis-1,2-Dichloroethylene | 47 | | ug/L | 50.0 | | 93.3 | 77-130 | | 3.04 | 30 | |
| cis-1,3-Dichloropropylene | 49 | | " | 50.0 | | 98.6 | 68-123 | | 2.01 | 30 | |
| Dibromochloromethane | 48 | | " | 50.0 | | 96.6 | 73-136 | | 4.27 | 30 | |
| Dibromomethane | 48 | | " | 50.0 | | 95.4 | 75-131 | | 4.13 | 30 | |
| Dichlorodifluoromethane | 33 | | " | 50.0 | | 66.8 | 10-183 | | 7.75 | 30 | |
| Ethyl Benzene | 48 | | " | 50.0 | | 96.1 | 75-130 | | 2.55 | 30 | |
| Hexachlorobutadiene | 48 | | " | 50.0 | | 95.6 | 59-130 | | 1.06 | 30 | |
| Isopropylbenzene | 46 | | " | 50.0 | | 92.5 | 68-135 | | 2.32 | 30 | |
| Methyl tert-butyl ether (MTBE) | 40 | | " | 50.0 | | 80.3 | 76-136 | | 5.87 | 30 | |
| Methylene chloride | 50 | | " | 50.0 | | 101 | 55-143 | | 3.05 | 30 | |
| Naphthalene | 48 | | " | 50.0 | | 96.7 | 65-140 | | 1.84 | 30 | |
| n-Butylbenzene | 45 | | " | 50.0 | | 89.3 | 63-123 | | 0.0895 | 30 | |
| n-Propylbenzene | 46 | | " | 50.0 | | 92.3 | 65-127 | | 0.936 | 30 | |
| o-Xylene | 47 | | " | 50.0 | | 94.3 | 71-123 | | 1.39 | 30 | |
| p- & m- Xylenes | 97 | | " | 100 | | 96.5 | 72-127 | | 2.28 | 30 | |
| p-Isopropyltoluene | 46 | | " | 50.0 | | 92.9 | 69-128 | | 2.09 | 30 | |
| sec-Butylbenzene | 47 | | " | 50.0 | | 94.8 | 69-125 | | 1.57 | 30 | |
| Styrene | 48 | | " | 50.0 | | 96.5 | 74-127 | | 0.517 | 30 | |
| tert-Butylbenzene | 45 | | " | 50.0 | | 90.9 | 59-164 | | 0.0440 | 30 | |
| Tetrachloroethylene | 50 | | " | 50.0 | | 99.3 | 65-151 | | 2.17 | 30 | |
| Toluene | 46 | | " | 50.0 | | 91.7 | 72-127 | | 3.16 | 30 | |
| trans-1,2-Dichloroethylene | 47 | | " | 50.0 | | 94.0 | 73-137 | | 0.619 | 30 | |
| trans-1,3-Dichloropropylene | 48 | | " | 50.0 | | 96.8 | 67-131 | | 3.41 | 30 | |
| Trichloroethylene | 46 | | " | 50.0 | | 93.0 | 73-129 | | 5.36 | 30 | |
| Trichlorofluoromethane | 47 | | " | 50.0 | | 94.1 | 69-136 | | 0.490 | 30 | |
| Vinyl Chloride | 46 | | " | 50.0 | | 91.8 | 58-132 | | 1.58 | 30 | |
| Vinyl acetate | 22 | | " | 50.0 | | 43.0 | 10-84 | | 4.90 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *51.3* | | *"* | *50.0* | | *103* | *73-130* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *49.8* | | *"* | *50.0* | | *99.6* | *72-127* | | | | |
| *Surrogate: Toluene-d8* | *48.3* | | *"* | *50.0* | | *96.6* | *84-117* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30648 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BB30648-BLK1)** | | | | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/22/2013 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/kg wet | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,4-Dioxane | ND | 50 | " | | | | | | | | |
| 2,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 2-Butanone | ND | 10 | " | | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| Acetone | ND | 10 | " | | | | | | | | |
| Benzene | ND | 5.0 | " | | | | | | | | |
| Bromobenzene | ND | 5.0 | " | | | | | | | | |
| Bromochloromethane | ND | 5.0 | " | | | | | | | | |
| Bromodichloromethane | ND | 5.0 | " | | | | | | | | |
| Bromoform | ND | 5.0 | " | | | | | | | | |
| Bromomethane | ND | 5.0 | " | | | | | | | | |
| Carbon tetrachloride | ND | 5.0 | " | | | | | | | | |
| Chlorobenzene | ND | 5.0 | " | | | | | | | | |
| Chloroethane | ND | 5.0 | " | | | | | | | | |
| Chloroform | ND | 5.0 | " | | | | | | | | |
| Chloromethane | ND | 5.0 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Dibromochloromethane | ND | 5.0 | " | | | | | | | | |
| Dibromomethane | ND | 5.0 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | " | | | | | | | | |
| Ethyl Benzene | ND | 5.0 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.0 | " | | | | | | | | |
| Isopropylbenzene | ND | 5.0 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | " | | | | | | | | |
| Methylene chloride | ND | 10 | " | | | | | | | | |
| Naphthalene | ND | 10 | " | | | | | | | | |
| n-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| n-Propylbenzene | ND | 5.0 | " | | | | | | | | |
| o-Xylene | ND | 5.0 | " | | | | | | | | |
| p- & m- Xylenes | ND | 10 | " | | | | | | | | |
| p-Isopropyltoluene | ND | 5.0 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30648 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BB30648-BLK1)** | | | | | | | Prepared: 02/21/2013 Analyzed: 02/22/2013 | | | | |
| sec-Butylbenzene | ND | 5.0 | ug/kg wet | | | | | | | | |
| Styrene | ND | 5.0 | " | | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| Tetrachloroethylene | ND | 5.0 | " | | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Trichloroethylene | ND | 5.0 | " | | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | " | | | | | | | | |
| Vinyl Chloride | ND | 5.0 | " | | | | | | | | |
| Xylenes, Total | ND | 15 | " | | | | | | | | |
| Vinyl acetate | ND | 10 | " | | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *52.6* | | *ug/L* | *50.0* | | *105* | *73-130* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *49.0* | | *"* | *50.0* | | *98.1* | *72-127* | | | | |
| *Surrogate: Toluene-d8* | *45.7* | | *"* | *50.0* | | *91.4* | *84-117* | | | | |
| **LCS (BB30648-BS1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| 1,1,1,2-Tetrachloroethane | 48 | | ug/L | 50.0 | | 96.2 | 72-132 | | | | |
| 1,1,1-Trichloroethane | 53 | | " | 50.0 | | 106 | 77-131 | | | | |
| 1,1,2,2-Tetrachloroethane | 45 | | " | 50.0 | | 89.4 | 68-129 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 66 | | " | 50.0 | | 131 | 75-143 | | | | |
| 1,1,2-Trichloroethane | 48 | | " | 50.0 | | 96.1 | 72-128 | | | | |
| 1,1-Dichloroethane | 57 | | " | 50.0 | | 113 | 78-133 | | | | |
| 1,1-Dichloroethylene | 51 | | " | 50.0 | | 101 | 71-142 | | | | |
| 1,1-Dichloropropylene | 50 | | " | 50.0 | | 101 | 77-124 | | | | |
| 1,2,3-Trichlorobenzene | 49 | | " | 50.0 | | 98.4 | 65-134 | | | | |
| 1,2,3-Trichloropropane | 45 | | " | 50.0 | | 90.4 | 65-127 | | | | |
| 1,2,4-Trichlorobenzene | 44 | | " | 50.0 | | 87.8 | 59-133 | | | | |
| 1,2,4-Trimethylbenzene | 45 | | " | 50.0 | | 89.2 | 68-128 | | | | |
| 1,2-Dibromo-3-chloropropane | 38 | | " | 50.0 | | 75.8 | 58-145 | | | | |
| 1,2-Dibromoethane | 49 | | " | 50.0 | | 98.6 | 73-128 | | | | |
| 1,2-Dichlorobenzene | 45 | | " | 50.0 | | 89.3 | 69-126 | | | | |
| 1,2-Dichloroethane | 54 | | " | 50.0 | | 108 | 78-131 | | | | |
| 1,2-Dichloropropane | 48 | | " | 50.0 | | 97.0 | 72-129 | | | | |
| 1,3,5-Trimethylbenzene | 45 | | " | 50.0 | | 89.2 | 67-125 | | | | |
| 1,3-Dichlorobenzene | 43 | | " | 50.0 | | 86.3 | 67-125 | | | | |
| 1,3-Dichloropropane | 47 | | " | 50.0 | | 94.0 | 73-126 | | | | |
| 1,4-Dichlorobenzene | 44 | | " | 50.0 | | 88.2 | 67-127 | | | | |
| 1,4-Dioxane | 45 | | " | 50.0 | | 89.6 | 10-265 | | | | |
| 2,2-Dichloropropane | 47 | | " | 50.0 | | 94.4 | 68-133 | | | | |
| 2-Butanone | 45 | | " | 50.0 | | 90.6 | 49-138 | | | | |
| 2-Chlorotoluene | 41 | | " | 50.0 | | 83.0 | 61-121 | | | | |
| 4-Chlorotoluene | 44 | | " | 50.0 | | 87.7 | 65-126 | | | | |
| Acetone | 32 | | " | 50.0 | | 63.0 | 21-131 | | | | |
| Benzene | 54 | | " | 50.0 | | 108 | 81-125 | | | | |
| Bromobenzene | 44 | | " | 50.0 | | 87.1 | 65-125 | | | | |
| Bromochloromethane | 50 | | " | 50.0 | | 100 | 78-127 | | | | |
| Bromodichloromethane | 47 | | " | 50.0 | | 94.7 | 73-131 | | | | |
| Bromoform | 46 | | " | 50.0 | | 91.9 | 66-137 | | | | |
| Bromomethane | 51 | | " | 50.0 | | 102 | 55-144 | | | | |
| Carbon tetrachloride | 56 | | " | 50.0 | | 111 | 74-137 | | | | |
| Chlorobenzene | 49 | | " | 50.0 | | 98.0 | 75-127 | | | | |
| Chloroethane | 54 | | " | 50.0 | | 108 | 65-138 | | | | |
| Chloroform | 53 | | " | 50.0 | | 107 | 82-128 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30648 - EPA 5035A** | | | | | | | | | | | |
| **LCS (BB30648-BS1)** | | | | | | | Prepared & Analyzed: 02/21/2013 | | | | |
| Chloromethane | 48 | | ug/L | 50.0 | | 96.1 | 51-138 | | | | |
| cis-1,2-Dichloroethylene | 57 | | " | 50.0 | | 115 | 77-130 | | | | |
| cis-1,3-Dichloropropylene | 47 | | " | 50.0 | | 93.0 | 68-123 | | | | |
| Dibromochloromethane | 48 | | " | 50.0 | | 95.9 | 73-136 | | | | |
| Dibromomethane | 50 | | " | 50.0 | | 100 | 75-131 | | | | |
| Dichlorodifluoromethane | 44 | | " | 50.0 | | 88.6 | 10-183 | | | | |
| Ethyl Benzene | 48 | | " | 50.0 | | 96.0 | 75-130 | | | | |
| Hexachlorobutadiene | 44 | | " | 50.0 | | 88.0 | 59-130 | | | | |
| Isopropylbenzene | 44 | | " | 50.0 | | 87.2 | 68-135 | | | | |
| Methyl tert-butyl ether (MTBE) | 45 | | " | 50.0 | | 89.5 | 76-136 | | | | |
| Methylene chloride | 52 | | " | 50.0 | | 104 | 55-143 | | | | |
| Naphthalene | 50 | | " | 50.0 | | 100 | 65-140 | | | | |
| n-Butylbenzene | 43 | | " | 50.0 | | 86.1 | 63-123 | | | | |
| n-Propylbenzene | 43 | | " | 50.0 | | 86.7 | 65-127 | | | | |
| o-Xylene | 47 | | " | 50.0 | | 94.3 | 71-123 | | | | |
| p- & m- Xylenes | 95 | | " | 100 | | 94.6 | 72-127 | | | | |
| p-Isopropyltoluene | 46 | | " | 50.0 | | 91.2 | 69-128 | | | | |
| sec-Butylbenzene | 46 | | " | 50.0 | | 91.3 | 69-125 | | | | |
| Styrene | 51 | | " | 50.0 | | 102 | 74-127 | | | | |
| tert-Butylbenzene | 44 | | " | 50.0 | | 87.9 | 59-164 | | | | |
| Tetrachloroethylene | 61 | | " | 50.0 | | 122 | 65-151 | | | | |
| Toluene | 45 | | " | 50.0 | | 90.9 | 72-127 | | | | |
| trans-1,2-Dichloroethylene | 51 | | " | 50.0 | | 102 | 73-137 | | | | |
| trans-1,3-Dichloropropylene | 43 | | " | 50.0 | | 86.9 | 67-131 | | | | |
| Trichloroethylene | 49 | | " | 50.0 | | 97.3 | 73-129 | | | | |
| Trichlorofluoromethane | 55 | | " | 50.0 | | 109 | 69-136 | | | | |
| Vinyl Chloride | 53 | | " | 50.0 | | 105 | 58-132 | | | | |
| Vinyl acetate | 18 | | " | 50.0 | | 35.8 | 10-84 | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *48.8* | | *"* | *50.0* | | *97.5* | *73-130* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *47.1* | | *"* | *50.0* | | *94.2* | *72-127* | | | | |
| *Surrogate: Toluene-d8* | *46.4* | | *"* | *50.0* | | *92.7* | *84-117* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

### Batch BB30648 - EPA 5035A

**LCS Dup (BB30648-BSD1)** Prepared: 02/21/2013 Analyzed: 02/22/2013

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 49 | | ug/L | 50.0 | | 97.6 | 72-132 | | 1.51 | 30 | |
| 1,1,1-Trichloroethane | 53 | | " | 50.0 | | 107 | 77-131 | | 0.394 | 30 | |
| 1,1,2,2-Tetrachloroethane | 51 | | " | 50.0 | | 103 | 68-129 | | 14.1 | 30 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 65 | | " | 50.0 | | 130 | 75-143 | | 1.20 | 30 | |
| 1,1,2-Trichloroethane | 51 | | " | 50.0 | | 102 | 72-128 | | 6.00 | 30 | |
| 1,1-Dichloroethane | 57 | | " | 50.0 | | 113 | 78-133 | | 0.194 | 30 | |
| 1,1-Dichloroethylene | 52 | | " | 50.0 | | 103 | 71-142 | | 1.76 | 30 | |
| 1,1-Dichloropropylene | 51 | | " | 50.0 | | 101 | 77-124 | | 0.634 | 30 | |
| 1,2,3-Trichlorobenzene | 50 | | " | 50.0 | | 99.9 | 65-134 | | 1.53 | 30 | |
| 1,2,3-Trichloropropane | 52 | | " | 50.0 | | 103 | 65-127 | | 13.1 | 30 | |
| 1,2,4-Trichlorobenzene | 47 | | " | 50.0 | | 94.6 | 59-133 | | 7.46 | 30 | |
| 1,2,4-Trimethylbenzene | 46 | | " | 50.0 | | 92.5 | 68-128 | | 3.63 | 30 | |
| 1,2-Dibromo-3-chloropropane | 43 | | " | 50.0 | | 86.7 | 58-145 | | 13.3 | 30 | |
| 1,2-Dibromoethane | 52 | | " | 50.0 | | 104 | 73-128 | | 5.79 | 30 | |
| 1,2-Dichlorobenzene | 47 | | " | 50.0 | | 94.1 | 69-126 | | 5.21 | 30 | |
| 1,2-Dichloroethane | 54 | | " | 50.0 | | 107 | 78-131 | | 0.521 | 30 | |
| 1,2-Dichloropropane | 50 | | " | 50.0 | | 100 | 72-129 | | 3.57 | 30 | |
| 1,3,5-Trimethylbenzene | 46 | | " | 50.0 | | 91.8 | 67-125 | | 2.96 | 30 | |
| 1,3-Dichlorobenzene | 46 | | " | 50.0 | | 92.7 | 67-125 | | 7.13 | 30 | |
| 1,3-Dichloropropane | 49 | | " | 50.0 | | 97.4 | 73-126 | | 3.51 | 30 | |
| 1,4-Dichlorobenzene | 45 | | " | 50.0 | | 90.7 | 67-127 | | 2.79 | 30 | |
| 1,4-Dioxane | 55 | | " | 50.0 | | 110 | 10-265 | | 20.5 | 30 | |
| 2,2-Dichloropropane | 47 | | " | 50.0 | | 93.5 | 68-133 | | 1.04 | 30 | |
| 2-Butanone | 47 | | " | 50.0 | | 93.3 | 49-138 | | 2.87 | 30 | |
| 2-Chlorotoluene | 44 | | " | 50.0 | | 87.5 | 61-121 | | 5.28 | 30 | |
| 4-Chlorotoluene | 46 | | " | 50.0 | | 92.0 | 65-126 | | 4.72 | 30 | |
| Acetone | 36 | | " | 50.0 | | 71.6 | 21-131 | | 12.8 | 30 | |
| Benzene | 54 | | " | 50.0 | | 108 | 81-125 | | 0.259 | 30 | |
| Bromobenzene | 45 | | " | 50.0 | | 90.9 | 65-125 | | 4.29 | 30 | |
| Bromochloromethane | 52 | | " | 50.0 | | 104 | 78-127 | | 3.55 | 30 | |
| Bromodichloromethane | 48 | | " | 50.0 | | 96.6 | 73-131 | | 1.97 | 30 | |
| Bromoform | 53 | | " | 50.0 | | 106 | 66-137 | | 14.4 | 30 | |
| Bromomethane | 48 | | " | 50.0 | | 96.1 | 55-144 | | 5.42 | 30 | |
| Carbon tetrachloride | 57 | | " | 50.0 | | 114 | 74-137 | | 2.03 | 30 | |
| Chlorobenzene | 48 | | " | 50.0 | | 95.8 | 75-127 | | 2.27 | 30 | |
| Chloroethane | 52 | | " | 50.0 | | 103 | 65-138 | | 4.38 | 30 | |
| Chloroform | 54 | | " | 50.0 | | 108 | 82-128 | | 1.43 | 30 | |
| Chloromethane | 48 | | " | 50.0 | | 95.1 | 51-138 | | 0.962 | 30 | |
| cis-1,2-Dichloroethylene | 57 | | " | 50.0 | | 113 | 77-130 | | 1.16 | 30 | |
| cis-1,3-Dichloropropylene | 48 | | " | 50.0 | | 96.4 | 68-123 | | 3.57 | 30 | |
| Dibromochloromethane | 50 | | " | 50.0 | | 101 | 73-136 | | 4.80 | 30 | |
| Dibromomethane | 53 | | " | 50.0 | | 106 | 75-131 | | 6.08 | 30 | |
| Dichlorodifluoromethane | 42 | | " | 50.0 | | 84.9 | 10-183 | | 4.27 | 30 | |
| Ethyl Benzene | 47 | | " | 50.0 | | 94.2 | 75-130 | | 1.98 | 30 | |
| Hexachlorobutadiene | 48 | | " | 50.0 | | 96.6 | 59-130 | | 9.32 | 30 | |
| Isopropylbenzene | 47 | | " | 50.0 | | 93.4 | 68-135 | | 6.78 | 30 | |
| Methyl tert-butyl ether (MTBE) | 47 | | " | 50.0 | | 93.6 | 76-136 | | 4.48 | 30 | |
| Methylene chloride | 53 | | " | 50.0 | | 105 | 55-143 | | 1.07 | 30 | |
| Naphthalene | 54 | | " | 50.0 | | 108 | 65-140 | | 7.19 | 30 | |
| n-Butylbenzene | 43 | | " | 50.0 | | 85.8 | 63-123 | | 0.349 | 30 | |
| n-Propylbenzene | 45 | | " | 50.0 | | 90.1 | 65-127 | | 3.85 | 30 | |
| o-Xylene | 48 | | " | 50.0 | | 95.3 | 71-123 | | 1.03 | 30 | |
| p- & m- Xylenes | 92 | | " | 100 | | 92.4 | 72-127 | | 2.39 | 30 | |
| p-Isopropyltoluene | 48 | | " | 50.0 | | 95.1 | 69-128 | | 4.25 | 30 | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30648 - EPA 5035A** | | | | | | | | | | | |
| **LCS Dup (BB30648-BSD1)** | | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/22/2013 | | |
| sec-Butylbenzene | 49 | | ug/L | 50.0 | | 97.1 | 69-125 | | 6.16 | 30 | |
| Styrene | 52 | | " | 50.0 | | 104 | 74-127 | | 2.28 | 30 | |
| tert-Butylbenzene | 47 | | " | 50.0 | | 94.4 | 59-164 | | 7.13 | 30 | |
| Tetrachloroethylene | 57 | | " | 50.0 | | 114 | 65-151 | | 7.21 | 30 | |
| Toluene | 46 | | " | 50.0 | | 92.3 | 72-127 | | 1.57 | 30 | |
| trans-1,2-Dichloroethylene | 52 | | " | 50.0 | | 105 | 73-137 | | 3.21 | 30 | |
| trans-1,3-Dichloropropylene | 46 | | " | 50.0 | | 92.9 | 67-131 | | 6.74 | 30 | |
| Trichloroethylene | 48 | | " | 50.0 | | 96.7 | 73-129 | | 0.557 | 30 | |
| Trichlorofluoromethane | 54 | | " | 50.0 | | 109 | 69-136 | | 0.147 | 30 | |
| Vinyl Chloride | 51 | | " | 50.0 | | 102 | 58-132 | | 3.47 | 30 | |
| Vinyl acetate | 19 | | " | 50.0 | | 37.8 | 10-84 | | 5.54 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *50.6* | | *"* | *50.0* | | *101* | *73-130* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *49.8* | | *"* | *50.0* | | *99.6* | *72-127* | | | | |
| *Surrogate: Toluene-d8* | *47.7* | | *"* | *50.0* | | *95.4* | *84-117* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30677 - EPA 3550B** | | | | | | | | | | | |
| **Blank (BB30677-BLK1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Acenaphthene | ND | 167 | ug/kg wet | | | | | | | | |
| Acenaphthylene | ND | 167 | " | | | | | | | | |
| Aniline | ND | 167 | " | | | | | | | | |
| Anthracene | ND | 167 | " | | | | | | | | |
| Benzo(a)anthracene | ND | 167 | " | | | | | | | | |
| Benzo(a)pyrene | ND | 167 | " | | | | | | | | |
| Benzo(b)fluoranthene | ND | 167 | " | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 167 | " | | | | | | | | |
| Benzyl alcohol | ND | 167 | " | | | | | | | | |
| Benzo(k)fluoranthene | ND | 167 | " | | | | | | | | |
| Benzyl butyl phthalate | ND | 167 | " | | | | | | | | |
| 4-Bromophenyl phenyl ether | ND | 167 | " | | | | | | | | |
| 4-Chloro-3-methylphenol | ND | 167 | " | | | | | | | | |
| 4-Chloroaniline | ND | 167 | " | | | | | | | | |
| Bis(2-chloroethoxy)methane | ND | 167 | " | | | | | | | | |
| Bis(2-chloroethyl)ether | ND | 167 | " | | | | | | | | |
| Bis(2-chloroisopropyl)ether | ND | 167 | " | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | ND | 167 | " | | | | | | | | |
| 2-Chloronaphthalene | ND | 167 | " | | | | | | | | |
| 2-Chlorophenol | ND | 167 | " | | | | | | | | |
| 4-Chlorophenyl phenyl ether | ND | 167 | " | | | | | | | | |
| Chrysene | ND | 167 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 167 | " | | | | | | | | |
| Dibenzofuran | ND | 167 | " | | | | | | | | |
| Di-n-butyl phthalate | ND | 167 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 167 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 167 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 167 | " | | | | | | | | |
| 3,3'-Dichlorobenzidine | ND | 167 | " | | | | | | | | |
| 2,4-Dichlorophenol | ND | 167 | " | | | | | | | | |
| Diethyl phthalate | ND | 167 | " | | | | | | | | |
| 2,4-Dimethylphenol | ND | 167 | " | | | | | | | | |
| Dimethyl phthalate | ND | 167 | " | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ND | 333 | " | | | | | | | | |
| 2-Nitroaniline | ND | 167 | " | | | | | | | | |
| 2,4-Dinitrophenol | ND | 333 | " | | | | | | | | |
| 2,6-Dinitrotoluene | ND | 167 | " | | | | | | | | |
| 2,4-Dinitrotoluene | ND | 167 | " | | | | | | | | |
| Di-n-octyl phthalate | ND | 167 | " | | | | | | | | |
| Fluoranthene | ND | 167 | " | | | | | | | | |
| Fluorene | ND | 167 | " | | | | | | | | |
| Hexachlorobenzene | ND | 167 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 167 | " | | | | | | | | |
| Hexachlorocyclopentadiene | ND | 167 | " | | | | | | | | |
| Hexachloroethane | ND | 167 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 167 | " | | | | | | | | |
| Isophorone | ND | 167 | " | | | | | | | | |
| 2-Methylnaphthalene | ND | 167 | " | | | | | | | | |
| 2-Methylphenol | ND | 167 | " | | | | | | | | |
| 3- & 4-Methylphenols | ND | 167 | " | | | | | | | | |
| Naphthalene | ND | 167 | " | | | | | | | | |
| 3-Nitroaniline | ND | 167 | " | | | | | | | | |
| 4-Nitroaniline | ND | 167 | " | | | | | | | | |
| Nitrobenzene | ND | 167 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30677 - EPA 3550B** | | | | | | | | | | | |
| **Blank (BB30677-BLK1)** | | | | | | | Prepared & Analyzed: 02/22/2013 | | | | |
| 4-Nitrophenol | ND | 167 | ug/kg wet | | | | | | | | |
| 2-Nitrophenol | ND | 167 | " | | | | | | | | |
| N-nitroso-di-n-propylamine | ND | 167 | " | | | | | | | | |
| N-Nitrosodimethylamine | ND | 167 | " | | | | | | | | |
| N-Nitrosodiphenylamine | ND | 167 | " | | | | | | | | |
| Pentachlorophenol | ND | 167 | " | | | | | | | | |
| Phenanthrene | ND | 167 | " | | | | | | | | |
| Phenol | ND | 167 | " | | | | | | | | |
| Pyrene | ND | 167 | " | | | | | | | | |
| Pyridine | ND | 167 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 167 | " | | | | | | | | |
| 2,4,5-Trichlorophenol | ND | 167 | " | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 167 | " | | | | | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *1750* | | *"* | *2500* | | *70.0* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *1070* | | *"* | *1670* | | *64.4* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *1830* | | *"* | *2500* | | *73.2* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *1150* | | *"* | *1670* | | *68.7* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *1860* | | *"* | *2500* | | *74.3* | *15-110* | | | | |
| *Surrogate: Terphenyl-d14* | *1160* | | *"* | *1670* | | *69.4* | *30-130* | | | | |
| **LCS (BB30677-BS1)** | | | | | | | Prepared & Analyzed: 02/22/2013 | | | | |
| Acenaphthene | 1130 | 167 | ug/kg wet | 1670 | | 68.0 | 31.1-109 | | | | |
| Acenaphthylene | 1110 | 167 | " | 1670 | | 66.6 | 31.1-106 | | | | |
| Aniline | 1300 | 167 | " | 1670 | | 77.8 | 5.07-149 | | | | |
| Anthracene | 1160 | 167 | " | 1670 | | 69.9 | 31.5-107 | | | | |
| Benzo(a)anthracene | 1270 | 167 | " | 1670 | | 76.1 | 31.5-115 | | | | |
| Benzo(a)pyrene | 1420 | 167 | " | 1670 | | 85.3 | 29.1-138 | | | | |
| Benzo(b)fluoranthene | 1290 | 167 | " | 1670 | | 77.3 | 14.9-131 | | | | |
| Benzo(g,h,i)perylene | 1390 | 167 | " | 1670 | | 83.6 | 6.56-121 | | | | |
| Benzyl alcohol | 1150 | 167 | " | 1670 | | 68.7 | 25.4-119 | | | | |
| Benzo(k)fluoranthene | 1250 | 167 | " | 1670 | | 74.8 | 29.1-121 | | | | |
| Benzyl butyl phthalate | 1110 | 167 | " | 1670 | | 66.7 | 31.3-112 | | | | |
| 4-Bromophenyl phenyl ether | 1120 | 167 | " | 1670 | | 67.5 | 25.2-113 | | | | |
| 4-Chloro-3-methylphenol | 1190 | 167 | " | 1670 | | 71.5 | 29.5-124 | | | | |
| 4-Chloroaniline | 1780 | 167 | " | 1670 | | 107 | 10-177 | | | | |
| Bis(2-chloroethoxy)methane | 1130 | 167 | " | 1670 | | 67.7 | 27.9-111 | | | | |
| Bis(2-chloroethyl)ether | 1130 | 167 | " | 1670 | | 67.8 | 18-122 | | | | |
| Bis(2-chloroisopropyl)ether | 1150 | 167 | " | 1670 | | 69.0 | 9.62-123 | | | | |
| Bis(2-ethylhexyl)phthalate | 1060 | 167 | " | 1670 | | 63.8 | 25-105 | | | | |
| 2-Chloronaphthalene | 1140 | 167 | " | 1670 | | 68.4 | 31.7-108 | | | | |
| 2-Chlorophenol | 1180 | 167 | " | 1670 | | 70.5 | 20.3-125 | | | | |
| 4-Chlorophenyl phenyl ether | 1130 | 167 | " | 1670 | | 67.7 | 23.6-110 | | | | |
| Chrysene | 1230 | 167 | " | 1670 | | 73.6 | 27.4-117 | | | | |
| Dibenzo(a,h)anthracene | 1310 | 167 | " | 1670 | | 78.5 | 14.6-119 | | | | |
| Dibenzofuran | 1130 | 167 | " | 1670 | | 67.7 | 30.2-108 | | | | |
| Di-n-butyl phthalate | 1230 | 167 | " | 1670 | | 73.8 | 33.5-100 | | | | |
| 1,2-Dichlorobenzene | 1110 | 167 | " | 1670 | | 66.8 | 22.8-114 | | | | |
| 1,4-Dichlorobenzene | 1070 | 167 | " | 1670 | | 64.1 | 19.8-121 | | | | |
| 1,3-Dichlorobenzene | 1150 | 167 | " | 1670 | | 69.1 | 20.6-119 | | | | |
| 3,3'-Dichlorobenzidine | 1400 | 167 | " | 1670 | | 83.9 | 10-180 | | | | |
| 2,4-Dichlorophenol | 1190 | 167 | " | 1670 | | 71.3 | 23.3-125 | | | | |
| Diethyl phthalate | 1130 | 167 | " | 1670 | | 68.0 | 29.7-111 | | | | |
| 2,4-Dimethylphenol | 1160 | 167 | " | 1670 | | 69.7 | 29.8-115 | | | | |
| Dimethyl phthalate | 1140 | 167 | " | 1670 | | 68.1 | 27-118 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30677 - EPA 3550B** | | | | | | | | | | | |
| **LCS (BB30677-BS1)** | | | | | | | Prepared & Analyzed: 02/22/2013 | | | | |
| 2-Nitroaniline | 1170 | 167 | ug/kg wet | 1670 | | 70.3 | 40-140 | | | | |
| 4,6-Dinitro-2-methylphenol | 1400 | 333 | " | 1670 | | 84.2 | 10-122 | | | | |
| 2,4-Dinitrophenol | 1360 | 333 | " | 1670 | | 81.6 | 10-151 | | | | |
| 2,6-Dinitrotoluene | 1200 | 167 | " | 1670 | | 72.0 | 26.1-119 | | | | |
| 2,4-Dinitrotoluene | 1210 | 167 | " | 1670 | | 72.7 | 21.4-126 | | | | |
| Di-n-octyl phthalate | 983 | 167 | " | 1670 | | 59.0 | 19-129 | | | | |
| Fluoranthene | 1400 | 167 | " | 1670 | | 83.9 | 31.3-110 | | | | |
| Fluorene | 1160 | 167 | " | 1670 | | 69.5 | 29.9-108 | | | | |
| Hexachlorobenzene | 1100 | 167 | " | 1670 | | 66.2 | 31.7-102 | | | | |
| Hexachlorobutadiene | 1170 | 167 | " | 1670 | | 70.0 | 10.1-134 | | | | |
| Hexachlorocyclopentadiene | 733 | 167 | " | 1670 | | 44.0 | 10-122 | | | | |
| Hexachloroethane | 1110 | 167 | " | 1670 | | 66.5 | 20.2-114 | | | | |
| Indeno(1,2,3-cd)pyrene | 1420 | 167 | " | 1670 | | 84.9 | 12.6-120 | | | | |
| Isophorone | 1140 | 167 | " | 1670 | | 68.2 | 27.2-113 | | | | |
| 2-Methylnaphthalene | 1210 | 167 | " | 1670 | | 72.6 | 17.4-119 | | | | |
| 2-Methylphenol | 1170 | 167 | " | 1670 | | 70.4 | 23.6-125 | | | | |
| 3- & 4-Methylphenols | 1120 | 167 | " | 1670 | | 67.2 | 21.3-115 | | | | |
| Naphthalene | 1170 | 167 | " | 1670 | | 70.4 | 25.2-111 | | | | |
| 3-Nitroaniline | 1520 | 167 | " | 1670 | | 91.1 | 9.73-147 | | | | |
| 4-Nitroaniline | 1440 | 167 | " | 1670 | | 86.2 | 6.42-169 | | | | |
| Nitrobenzene | 1120 | 167 | " | 1670 | | 67.5 | 21.8-118 | | | | |
| 4-Nitrophenol | 1100 | 167 | " | 1670 | | 66.3 | 10-136 | | | | |
| 2-Nitrophenol | 1170 | 167 | " | 1670 | | 70.4 | 20.6-119 | | | | |
| N-nitroso-di-n-propylamine | 1150 | 167 | " | 1670 | | 68.7 | 25.3-118 | | | | |
| N-Nitrosodimethylamine | 897 | 167 | " | 1670 | | 53.8 | 10-142 | | | | |
| N-Nitrosodiphenylamine | 1340 | 167 | " | 1670 | | 80.6 | 35.8-132 | | | | |
| Pentachlorophenol | 1380 | 167 | " | 1670 | | 82.8 | 3.68-146 | | | | |
| Phenanthrene | 1210 | 167 | " | 1670 | | 72.6 | 31.2-105 | | | | |
| Phenol | 1130 | 167 | " | 1670 | | 67.7 | 23.2-117 | | | | |
| Pyrene | 1090 | 167 | " | 1670 | | 65.3 | 26.3-124 | | | | |
| Pyridine | 1010 | 167 | " | 1670 | | 60.5 | 10-122 | | | | |
| 1,2,4-Trichlorobenzene | 1140 | 167 | " | 1670 | | 68.5 | 19.3-128 | | | | |
| 2,4,5-Trichlorophenol | 1130 | 167 | " | 1670 | | 68.0 | 19.5-131 | | | | |
| 2,4,6-Trichlorophenol | 1110 | 167 | " | 1670 | | 66.7 | 24.2-123 | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *1880* | | *"* | *2500* | | *75.2* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *1070* | | *"* | *1670* | | *64.4* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *1880* | | *"* | *2500* | | *75.0* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *1130* | | *"* | *1670* | | *67.4* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *1830* | | *"* | *2500* | | *73.0* | *15-110* | | | | |
| *Surrogate: Terphenyl-d14* | *1050* | | *"* | *1670* | | *62.9* | *30-130* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30677 - EPA 3550B** | | | | | | | | | | | |
| **Matrix Spike (BB30677-MS1)** | *Source sample: 13B0526-14 (SP-7 8-10ft) | | | | | | Prepared & Analyzed: 02/22/2013 | | | | |
| Acenaphthene | 1090 | 170 | ug/kg dry | 1700 | ND | 64.4 | 31.1-109 | | | | |
| Acenaphthylene | 1060 | 170 | " | 1700 | ND | 62.6 | 31.1-106 | | | | |
| Aniline | 1170 | 170 | " | 1700 | ND | 69.0 | 21-140 | | | | |
| Anthracene | 1150 | 170 | " | 1700 | ND | 67.7 | 31.5-107 | | | | |
| Benzo(a)anthracene | 1280 | 170 | " | 1700 | ND | 75.1 | 31.5-115 | | | | |
| Benzo(a)pyrene | 1390 | 170 | " | 1700 | ND | 81.7 | 29.1-138 | | | | |
| Benzo(b)fluoranthene | 1290 | 170 | " | 1700 | ND | 75.7 | 14.9-131 | | | | |
| Benzo(g,h,i)perylene | 1370 | 170 | " | 1700 | ND | 80.7 | 6.56-121 | | | | |
| Benzyl alcohol | 1050 | 170 | " | 1700 | ND | 61.7 | 25.4-119 | | | | |
| Benzo(k)fluoranthene | 1260 | 170 | " | 1700 | ND | 74.4 | 29.1-121 | | | | |
| Benzyl butyl phthalate | 1090 | 170 | " | 1700 | ND | 63.9 | 31.3-112 | | | | |
| 4-Bromophenyl phenyl ether | 1070 | 170 | " | 1700 | ND | 63.2 | 25.2-113 | | | | |
| 4-Chloro-3-methylphenol | 1140 | 170 | " | 1700 | ND | 67.2 | 29.5-124 | | | | |
| 4-Chloroaniline | 1650 | 170 | " | 1700 | ND | 97.2 | 10-177 | | | | |
| Bis(2-chloroethoxy)methane | 1060 | 170 | " | 1700 | ND | 62.4 | 27.9-111 | | | | |
| Bis(2-chloroethyl)ether | 962 | 170 | " | 1700 | ND | 56.6 | 18-122 | | | | |
| Bis(2-chloroisopropyl)ether | 1040 | 170 | " | 1700 | ND | 61.2 | 9.62-123 | | | | |
| Bis(2-ethylhexyl)phthalate | 1050 | 170 | " | 1700 | ND | 62.1 | 25-105 | | | | |
| 2-Chloronaphthalene | 1060 | 170 | " | 1700 | ND | 62.6 | 31.7-108 | | | | |
| 2-Chlorophenol | 1050 | 170 | " | 1700 | ND | 61.9 | 20.3-125 | | | | |
| 4-Chlorophenyl phenyl ether | 1110 | 170 | " | 1700 | ND | 65.2 | 23.6-110 | | | | |
| Chrysene | 1240 | 170 | " | 1700 | ND | 73.2 | 27.4-117 | | | | |
| Dibenzo(a,h)anthracene | 1280 | 170 | " | 1700 | ND | 75.4 | 14.6-119 | | | | |
| Dibenzofuran | 1100 | 170 | " | 1700 | ND | 65.0 | 30.2-108 | | | | |
| Di-n-butyl phthalate | 1240 | 170 | " | 1700 | ND | 72.9 | 33.5-100 | | | | |
| 1,2-Dichlorobenzene | 1020 | 170 | " | 1700 | ND | 59.8 | 22.8-114 | | | | |
| 1,4-Dichlorobenzene | 969 | 170 | " | 1700 | ND | 57.0 | 19.8-121 | | | | |
| 1,3-Dichlorobenzene | 1040 | 170 | " | 1700 | ND | 61.5 | 20.6-119 | | | | |
| 3,3'-Dichlorobenzidine | 1270 | 170 | " | 1700 | ND | 74.5 | 10-180 | | | | |
| 2,4-Dichlorophenol | 1090 | 170 | " | 1700 | ND | 64.1 | 23.3-125 | | | | |
| Diethyl phthalate | 1160 | 170 | " | 1700 | ND | 68.1 | 29.7-111 | | | | |
| 2,4-Dimethylphenol | 1100 | 170 | " | 1700 | ND | 64.5 | 29.8-115 | | | | |
| Dimethyl phthalate | 1130 | 170 | " | 1700 | ND | 66.2 | 27-118 | | | | |
| 4,6-Dinitro-2-methylphenol | 886 | 340 | " | 1700 | ND | 52.2 | 10-122 | | | | |
| 2-Nitroaniline | 1150 | 170 | " | 1700 | ND | 67.4 | 40-140 | | | | |
| 2,4-Dinitrophenol | 254 | 340 | " | 1700 | ND | 15.0 | 10-151 | | | | |
| 2,6-Dinitrotoluene | 1150 | 170 | " | 1700 | ND | 67.9 | 26.1-119 | | | | |
| 2,4-Dinitrotoluene | 1200 | 170 | " | 1700 | ND | 70.4 | 21.4-126 | | | | |
| Di-n-octyl phthalate | 983 | 170 | " | 1700 | ND | 57.9 | 19-129 | | | | |
| Fluoranthene | 1430 | 170 | " | 1700 | ND | 84.4 | 31.3-110 | | | | |
| Fluorene | 1160 | 170 | " | 1700 | ND | 68.0 | 29.9-108 | | | | |
| Hexachlorobenzene | 1110 | 170 | " | 1700 | ND | 65.5 | 31.7-102 | | | | |
| Hexachlorobutadiene | 1040 | 170 | " | 1700 | ND | 61.2 | 10.1-134 | | | | |
| Hexachlorocyclopentadiene | 596 | 170 | " | 1700 | ND | 35.1 | 10-122 | | | | |
| Hexachloroethane | 982 | 170 | " | 1700 | ND | 57.8 | 20.2-114 | | | | |
| Indeno(1,2,3-cd)pyrene | 1370 | 170 | " | 1700 | ND | 80.8 | 12.6-120 | | | | |
| Isophorone | 1070 | 170 | " | 1700 | ND | 62.7 | 27.2-113 | | | | |
| 2-Methylnaphthalene | 1110 | 170 | " | 1700 | ND | 65.5 | 17.4-119 | | | | |
| 2-Methylphenol | 1080 | 170 | " | 1700 | ND | 63.7 | 23.6-125 | | | | |
| 3- & 4-Methylphenols | 1050 | 170 | " | 1700 | ND | 61.9 | 21.3-115 | | | | |
| Naphthalene | 1070 | 170 | " | 1700 | ND | 63.2 | 25.2-111 | | | | |
| 3-Nitroaniline | 1570 | 170 | " | 1700 | ND | 92.2 | 9.73-147 | | | | |
| 4-Nitroaniline | 1510 | 170 | " | 1700 | ND | 88.7 | 6.42-169 | | | | |
| Nitrobenzene | 1030 | 170 | " | 1700 | ND | 60.7 | 21.8-118 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30677 - EPA 3550B** | | | | | | | | | | | |
| **Matrix Spike (BB30677-MS1)** | *Source sample: 13B0526-14 (SP-7 8-10ft) | | | | | | Prepared & Analyzed: 02/22/2013 | | | | |
| 4-Nitrophenol | 1100 | 170 | ug/kg dry | 1700 | ND | 64.5 | 10-136 | | | | |
| 2-Nitrophenol | 1060 | 170 | " | 1700 | ND | 62.3 | 20.6-119 | | | | |
| N-nitroso-di-n-propylamine | 1020 | 170 | " | 1700 | ND | 60.1 | 25.3-118 | | | | |
| N-Nitrosodimethylamine | 768 | 170 | " | 1700 | ND | 45.2 | 21-140 | | | | |
| N-Nitrosodiphenylamine | 1320 | 170 | " | 1700 | ND | 77.7 | 35.8-132 | | | | |
| Pentachlorophenol | 610 | 170 | " | 1700 | ND | 35.9 | 3.68-146 | | | | |
| Phenanthrene | 1190 | 170 | " | 1700 | ND | 70.3 | 31.2-105 | | | | |
| Phenol | 1030 | 170 | " | 1700 | ND | 60.7 | 23.2-117 | | | | |
| Pyrene | 1020 | 170 | " | 1700 | ND | 60.3 | 26.3-124 | | | | |
| Pyridine | 1030 | 170 | " | 1700 | ND | 60.5 | 21-140 | | | | |
| 1,2,4-Trichlorobenzene | 1050 | 170 | " | 1700 | ND | 61.8 | 19.3-128 | | | | |
| 2,4,5-Trichlorophenol | 1090 | 170 | " | 1700 | ND | 63.9 | 19.5-131 | | | | |
| 2,4,6-Trichlorophenol | 1030 | 170 | " | 1700 | ND | 60.4 | 24.2-123 | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *1730* | | *"* | *2550* | | *67.9* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *966* | | *"* | *1700* | | *56.9* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *1610* | | *"* | *2550* | | *63.1* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *967* | | *"* | *1700* | | *56.8* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *1600* | | *"* | *2550* | | *62.6* | *15-110* | | | | |
| *Surrogate: Terphenyl-d14* | *952* | | *"* | *1700* | | *56.1* | *30-130* | | | | |
| **Matrix Spike Dup (BB30677-MSD1)** | *Source sample: 13B0526-14 (SP-7 8-10ft) | | | | | | Prepared & Analyzed: 02/22/2013 | | | | |
| Acenaphthene | 1070 | 170 | ug/kg dry | 1700 | ND | 63.0 | 31.1-109 | | 2.20 | 30 | |
| Acenaphthylene | 1060 | 170 | " | 1700 | ND | 62.5 | 31.1-106 | | 0.288 | 30 | |
| Aniline | 1150 | 170 | " | 1700 | ND | 67.7 | 21-140 | | 1.99 | 35 | |
| Anthracene | 1130 | 170 | " | 1700 | ND | 66.6 | 31.5-107 | | 1.61 | 30 | |
| Benzo(a)anthracene | 1240 | 170 | " | 1700 | ND | 73.2 | 31.5-115 | | 2.59 | 30 | |
| Benzo(a)pyrene | 1390 | 170 | " | 1700 | ND | 81.6 | 29.1-138 | | 0.0244 | 30 | |
| Benzo(b)fluoranthene | 1250 | 170 | " | 1700 | ND | 73.6 | 14.9-131 | | 2.81 | 30 | |
| Benzo(g,h,i)perylene | 1350 | 170 | " | 1700 | ND | 79.6 | 6.56-121 | | 1.32 | 30 | |
| Benzyl alcohol | 979 | 170 | " | 1700 | ND | 57.6 | 25.4-119 | | 6.94 | 30 | |
| Benzo(k)fluoranthene | 1230 | 170 | " | 1700 | ND | 72.6 | 29.1-121 | | 2.48 | 30 | |
| Benzyl butyl phthalate | 1060 | 170 | " | 1700 | ND | 62.3 | 31.3-112 | | 2.60 | 30 | |
| 4-Bromophenyl phenyl ether | 1070 | 170 | " | 1700 | ND | 63.2 | 25.2-113 | | 0.0633 | 30 | |
| 4-Chloro-3-methylphenol | 1110 | 170 | " | 1700 | ND | 65.1 | 29.5-124 | | 3.24 | 30 | |
| 4-Chloroaniline | 1650 | 170 | " | 1700 | ND | 97.1 | 10-177 | | 0.124 | 30 | |
| Bis(2-chloroethoxy)methane | 1030 | 170 | " | 1700 | ND | 60.5 | 27.9-111 | | 3.09 | 30 | |
| Bis(2-chloroethyl)ether | 945 | 170 | " | 1700 | ND | 55.6 | 18-122 | | 1.82 | 30 | |
| Bis(2-chloroisopropyl)ether | 1030 | 170 | " | 1700 | ND | 60.5 | 9.62-123 | | 1.22 | 30 | |
| Bis(2-ethylhexyl)phthalate | 1030 | 170 | " | 1700 | ND | 60.8 | 25-105 | | 2.05 | 30 | |
| 2-Chloronaphthalene | 1050 | 170 | " | 1700 | ND | 61.7 | 31.7-108 | | 1.42 | 30 | |
| 2-Chlorophenol | 1040 | 170 | " | 1700 | ND | 61.3 | 20.3-125 | | 0.973 | 30 | |
| 4-Chlorophenyl phenyl ether | 1070 | 170 | " | 1700 | ND | 62.7 | 23.6-110 | | 3.94 | 30 | |
| Chrysene | 1180 | 170 | " | 1700 | ND | 69.5 | 27.4-117 | | 5.18 | 30 | |
| Dibenzo(a,h)anthracene | 1260 | 170 | " | 1700 | ND | 74.1 | 14.6-119 | | 1.79 | 30 | |
| Dibenzofuran | 1100 | 170 | " | 1700 | ND | 64.7 | 30.2-108 | | 0.463 | 30 | |
| Di-n-butyl phthalate | 1210 | 170 | " | 1700 | ND | 71.3 | 33.5-100 | | 2.14 | 30 | |
| 1,2-Dichlorobenzene | 976 | 170 | " | 1700 | ND | 57.5 | 22.8-114 | | 3.96 | 30 | |
| 1,4-Dichlorobenzene | 942 | 170 | " | 1700 | ND | 55.4 | 19.8-121 | | 2.85 | 30 | |
| 1,3-Dichlorobenzene | 1030 | 170 | " | 1700 | ND | 60.6 | 20.6-119 | | 1.51 | 30 | |
| 3,3'-Dichlorobenzidine | 1210 | 170 | " | 1700 | ND | 71.3 | 10-180 | | 4.36 | 30 | |
| 2,4-Dichlorophenol | 1090 | 170 | " | 1700 | ND | 64.0 | 23.3-125 | | 0.156 | 30 | |
| Diethyl phthalate | 1110 | 170 | " | 1700 | ND | 65.4 | 29.7-111 | | 4.11 | 30 | |
| 2,4-Dimethylphenol | 1110 | 170 | " | 1700 | ND | 65.1 | 29.8-115 | | 0.926 | 30 | |
| Dimethyl phthalate | 1090 | 170 | " | 1700 | ND | 64.3 | 27-118 | | 2.91 | 30 | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30677 - EPA 3550B** | | | | | | | | | | | |
| **Matrix Spike Dup (BB30677-MSD1)** | *Source sample: 13B0526-14 (SP-7 8-10ft) | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| 2-Nitroaniline | 1130 | 170 | ug/kg dry | 1700 | ND | 66.4 | 40-140 | | 1.58 | 30 | |
| 4,6-Dinitro-2-methylphenol | 940 | 340 | " | 1700 | ND | 55.3 | 10-122 | | 5.88 | 30 | |
| 2,4-Dinitrophenol | 375 | 340 | " | 1700 | ND | 22.1 | 10-151 | | 38.2 | 30 | Non-dir. |
| 2,6-Dinitrotoluene | 1160 | 170 | " | 1700 | ND | 68.3 | 26.1-119 | | 0.588 | 30 | |
| 2,4-Dinitrotoluene | 1170 | 170 | " | 1700 | ND | 68.7 | 21.4-126 | | 2.39 | 30 | |
| Di-n-octyl phthalate | 971 | 170 | " | 1700 | ND | 57.1 | 19-129 | | 1.25 | 30 | |
| Fluoranthene | 1410 | 170 | " | 1700 | ND | 82.7 | 31.3-110 | | 2.06 | 30 | |
| Fluorene | 1130 | 170 | " | 1700 | ND | 66.3 | 29.9-108 | | 2.56 | 30 | |
| Hexachlorobenzene | 1110 | 170 | " | 1700 | ND | 65.2 | 31.7-102 | | 0.398 | 30 | |
| Hexachlorobutadiene | 1070 | 170 | " | 1700 | ND | 63.2 | 10.1-134 | | 3.18 | 30 | |
| Hexachlorocyclopentadiene | 590 | 170 | " | 1700 | ND | 34.7 | 10-122 | | 1.15 | 30 | |
| Hexachloroethane | 979 | 170 | " | 1700 | ND | 57.6 | 20.2-114 | | 0.277 | 30 | |
| Indeno(1,2,3-cd)pyrene | 1350 | 170 | " | 1700 | ND | 79.5 | 12.6-120 | | 1.67 | 30 | |
| Isophorone | 1060 | 170 | " | 1700 | ND | 62.2 | 27.2-113 | | 0.768 | 30 | |
| 2-Methylnaphthalene | 1120 | 170 | " | 1700 | ND | 65.7 | 17.4-119 | | 0.213 | 30 | |
| 2-Methylphenol | 1080 | 170 | " | 1700 | ND | 63.6 | 23.6-125 | | 0.157 | 30 | |
| 3- & 4-Methylphenols | 1030 | 170 | " | 1700 | ND | 60.4 | 21.3-115 | | 2.45 | 30 | |
| Naphthalene | 1080 | 170 | " | 1700 | ND | 63.4 | 25.2-111 | | 0.316 | 30 | |
| 3-Nitroaniline | 1500 | 170 | " | 1700 | ND | 88.4 | 9.73-147 | | 4.21 | 30 | |
| 4-Nitroaniline | 1380 | 170 | " | 1700 | ND | 81.2 | 6.42-169 | | 8.82 | 30 | |
| Nitrobenzene | 1040 | 170 | " | 1700 | ND | 61.2 | 21.8-118 | | 0.853 | 30 | |
| 4-Nitrophenol | 1050 | 170 | " | 1700 | ND | 62.0 | 10-136 | | 3.92 | 30 | |
| 2-Nitrophenol | 1080 | 170 | " | 1700 | ND | 63.3 | 20.6-119 | | 1.66 | 30 | |
| N-nitroso-di-n-propylamine | 1030 | 170 | " | 1700 | ND | 60.4 | 25.3-118 | | 0.398 | 30 | |
| N-Nitrosodimethylamine | 296 | 170 | " | 1700 | ND | 17.4 | 21-140 | Low Bias | 88.7 | 35 | Non-dir. |
| N-Nitrosodiphenylamine | 1340 | 170 | " | 1700 | ND | 78.6 | 35.8-132 | | 1.10 | 30 | |
| Pentachlorophenol | 652 | 170 | " | 1700 | ND | 38.4 | 3.68-146 | | 6.63 | 30 | |
| Phenanthrene | 1170 | 170 | " | 1700 | ND | 69.2 | 31.2-105 | | 1.63 | 30 | |
| Phenol | 1020 | 170 | " | 1700 | ND | 60.1 | 23.2-117 | | 0.894 | 30 | |
| Pyrene | 998 | 170 | " | 1700 | ND | 58.7 | 26.3-124 | | 2.65 | 30 | |
| Pyridine | 1030 | 170 | " | 1700 | ND | 60.5 | 21-140 | | 0.00 | 35 | |
| 1,2,4-Trichlorobenzene | 1050 | 170 | " | 1700 | ND | 62.0 | 19.3-128 | | 0.323 | 30 | |
| 2,4,5-Trichlorophenol | 1080 | 170 | " | 1700 | ND | 63.5 | 19.5-131 | | 0.722 | 30 | |
| 2,4,6-Trichlorophenol | 1010 | 170 | " | 1700 | ND | 59.3 | 24.2-123 | | 1.74 | 30 | |
| *Surrogate: 2,4,6-Tribromophenol* | *1640* | | *"* | *2550* | | *64.3* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *947* | | *"* | *1700* | | *55.7* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *1560* | | *"* | *2550* | | *61.2* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *962* | | *"* | *1700* | | *56.5* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *1510* | | *"* | *2550* | | *59.4* | *15-110* | | | | |
| *Surrogate: Terphenyl-d14* | *928* | | *"* | *1700* | | *54.6* | *30-130* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BB30679-BLK1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Acenaphthene | ND | 5.00 | ug/L | | | | | | | | |
| Acenaphthylene | ND | 5.00 | " | | | | | | | | |
| Aniline | ND | 5.00 | " | | | | | | | | |
| Anthracene | ND | 5.00 | " | | | | | | | | |
| Benzo(a)anthracene | ND | 5.00 | " | | | | | | | | |
| Benzo(a)pyrene | ND | 5.00 | " | | | | | | | | |
| Benzo(b)fluoranthene | ND | 5.00 | " | | | | | | | | |
| Benzyl alcohol | ND | 5.00 | " | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 5.00 | " | | | | | | | | |
| Benzo(k)fluoranthene | ND | 5.00 | " | | | | | | | | |
| Benzyl butyl phthalate | ND | 5.00 | " | | | | | | | | |
| 4-Bromophenyl phenyl ether | ND | 5.00 | " | | | | | | | | |
| 4-Chloro-3-methylphenol | ND | 5.00 | " | | | | | | | | |
| 4-Chloroaniline | ND | 5.00 | " | | | | | | | | |
| Bis(2-chloroethoxy)methane | ND | 5.00 | " | | | | | | | | |
| Bis(2-chloroethyl)ether | ND | 5.00 | " | | | | | | | | |
| Bis(2-chloroisopropyl)ether | ND | 5.00 | " | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | ND | 5.00 | " | | | | | | | | |
| 2-Chloronaphthalene | ND | 5.00 | " | | | | | | | | |
| 2-Chlorophenol | ND | 5.00 | " | | | | | | | | |
| 4-Chlorophenyl phenyl ether | ND | 5.00 | " | | | | | | | | |
| Chrysene | ND | 5.00 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 5.00 | " | | | | | | | | |
| Dibenzofuran | ND | 5.00 | " | | | | | | | | |
| Di-n-butyl phthalate | ND | 5.00 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 3,3'-Dichlorobenzidine | ND | 5.00 | " | | | | | | | | |
| 2,4-Dichlorophenol | ND | 5.00 | " | | | | | | | | |
| Diethyl phthalate | ND | 5.00 | " | | | | | | | | |
| 2,4-Dimethylphenol | ND | 5.00 | " | | | | | | | | |
| Dimethyl phthalate | ND | 5.00 | " | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ND | 10.0 | " | | | | | | | | |
| 2,4-Dinitrophenol | ND | 10.0 | " | | | | | | | | |
| 2,6-Dinitrotoluene | ND | 5.00 | " | | | | | | | | |
| 2,4-Dinitrotoluene | ND | 5.00 | " | | | | | | | | |
| Di-n-octyl phthalate | ND | 5.00 | " | | | | | | | | |
| Fluoranthene | ND | 5.00 | " | | | | | | | | |
| Fluorene | ND | 5.00 | " | | | | | | | | |
| Hexachlorobenzene | ND | 5.00 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.00 | " | | | | | | | | |
| Hexachlorocyclopentadiene | ND | 5.00 | " | | | | | | | | |
| Hexachloroethane | ND | 5.00 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 5.00 | " | | | | | | | | |
| Isophorone | ND | 5.00 | " | | | | | | | | |
| 2-Methylnaphthalene | ND | 5.00 | " | | | | | | | | |
| 3- & 4-Methylphenols | ND | 5.00 | " | | | | | | | | |
| 2-Methylphenol | ND | 5.00 | " | | | | | | | | |
| Naphthalene | ND | 5.00 | " | | | | | | | | |
| 4-Nitroaniline | ND | 5.00 | " | | | | | | | | |
| 3-Nitroaniline | ND | 5.00 | " | | | | | | | | |
| 2-Nitroaniline | ND | 5.00 | " | | | | | | | | |
| Nitrobenzene | ND | 5.00 | " | | | | | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BB30679-BLK1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| 2-Nitrophenol | ND | 5.00 | ug/L | | | | | | | | |
| 4-Nitrophenol | ND | 5.00 | " | | | | | | | | |
| N-nitroso-di-n-propylamine | ND | 5.00 | " | | | | | | | | |
| N-Nitrosodimethylamine | ND | 5.00 | " | | | | | | | | |
| N-Nitrosodiphenylamine | ND | 5.00 | " | | | | | | | | |
| Pentachlorophenol | ND | 5.00 | " | | | | | | | | |
| Phenanthrene | ND | 5.00 | " | | | | | | | | |
| Phenol | ND | 5.00 | " | | | | | | | | |
| Pyrene | ND | 5.00 | " | | | | | | | | |
| Pyridine | ND | 5.00 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 5.00 | " | | | | | | | | |
| 2,4,5-Trichlorophenol | ND | 5.00 | " | | | | | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *44.7* | | *"* | *75.0* | | *59.6* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *24.4* | | *"* | *50.0* | | *48.9* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *30.2* | | *"* | *75.0* | | *40.3* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *26.6* | | *"* | *50.1* | | *53.1* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *20.6* | | *"* | *75.1* | | *27.4* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *28.1* | | *"* | *50.0* | | *56.3* | *30-130* | | | | |
| **Blank (BB30679-BLK2)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Acenaphthene | ND | 5.88 | ug/L | | | | | | | | |
| Acenaphthylene | ND | 5.88 | " | | | | | | | | |
| Aniline | ND | 5.88 | " | | | | | | | | |
| Anthracene | ND | 5.88 | " | | | | | | | | |
| Benzo(a)anthracene | ND | 5.88 | " | | | | | | | | |
| Benzo(a)pyrene | ND | 5.88 | " | | | | | | | | |
| Benzo(b)fluoranthene | ND | 5.88 | " | | | | | | | | |
| Benzyl alcohol | ND | 5.88 | " | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 5.88 | " | | | | | | | | |
| Benzo(k)fluoranthene | ND | 5.88 | " | | | | | | | | |
| Benzyl butyl phthalate | ND | 5.88 | " | | | | | | | | |
| 4-Bromophenyl phenyl ether | ND | 5.88 | " | | | | | | | | |
| 4-Chloro-3-methylphenol | ND | 5.88 | " | | | | | | | | |
| 4-Chloroaniline | ND | 5.88 | " | | | | | | | | |
| Bis(2-chloroethoxy)methane | ND | 5.88 | " | | | | | | | | |
| Bis(2-chloroethyl)ether | ND | 5.88 | " | | | | | | | | |
| Bis(2-chloroisopropyl)ether | ND | 5.88 | " | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | 7.41 | 5.88 | " | | | | | | | | |
| 2-Chloronaphthalene | ND | 5.88 | " | | | | | | | | |
| 2-Chlorophenol | ND | 5.88 | " | | | | | | | | |
| 4-Chlorophenyl phenyl ether | ND | 5.88 | " | | | | | | | | |
| Chrysene | ND | 5.88 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 5.88 | " | | | | | | | | |
| Dibenzofuran | ND | 5.88 | " | | | | | | | | |
| Di-n-butyl phthalate | ND | 5.88 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.88 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.88 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.88 | " | | | | | | | | |
| 3,3'-Dichlorobenzidine | ND | 5.88 | " | | | | | | | | |
| 2,4-Dichlorophenol | ND | 5.88 | " | | | | | | | | |
| Diethyl phthalate | ND | 5.88 | " | | | | | | | | |
| 2,4-Dimethylphenol | ND | 5.88 | " | | | | | | | | |
| Dimethyl phthalate | ND | 5.88 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BB30679-BLK2)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| 4,6-Dinitro-2-methylphenol | ND | 11.8 | ug/L | | | | | | | | |
| 2,4-Dinitrophenol | ND | 11.8 | " | | | | | | | | |
| 2,6-Dinitrotoluene | ND | 5.88 | " | | | | | | | | |
| 2,4-Dinitrotoluene | ND | 5.88 | " | | | | | | | | |
| Di-n-octyl phthalate | ND | 5.88 | " | | | | | | | | |
| Fluoranthene | ND | 5.88 | " | | | | | | | | |
| Fluorene | ND | 5.88 | " | | | | | | | | |
| Hexachlorobenzene | ND | 5.88 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.88 | " | | | | | | | | |
| Hexachlorocyclopentadiene | ND | 5.88 | " | | | | | | | | |
| Hexachloroethane | ND | 5.88 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 5.88 | " | | | | | | | | |
| Isophorone | ND | 5.88 | " | | | | | | | | |
| 2-Methylnaphthalene | ND | 5.88 | " | | | | | | | | |
| 3- & 4-Methylphenols | ND | 5.88 | " | | | | | | | | |
| 2-Methylphenol | ND | 5.88 | " | | | | | | | | |
| Naphthalene | ND | 5.88 | " | | | | | | | | |
| 4-Nitroaniline | ND | 5.88 | " | | | | | | | | |
| 3-Nitroaniline | ND | 5.88 | " | | | | | | | | |
| 2-Nitroaniline | ND | 5.88 | " | | | | | | | | |
| Nitrobenzene | ND | 5.88 | " | | | | | | | | |
| 2-Nitrophenol | ND | 5.88 | " | | | | | | | | |
| 4-Nitrophenol | ND | 5.88 | " | | | | | | | | |
| N-nitroso-di-n-propylamine | ND | 5.88 | " | | | | | | | | |
| N-Nitrosodimethylamine | ND | 5.88 | " | | | | | | | | |
| N-Nitrosodiphenylamine | ND | 5.88 | " | | | | | | | | |
| Pentachlorophenol | ND | 5.88 | " | | | | | | | | |
| Phenanthrene | ND | 5.88 | " | | | | | | | | |
| Phenol | ND | 5.88 | " | | | | | | | | |
| Pyrene | ND | 5.88 | " | | | | | | | | |
| Pyridine | ND | 5.88 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.88 | " | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 5.88 | " | | | | | | | | |
| 2,4,5-Trichlorophenol | ND | 5.88 | " | | | | | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *48.3* | | *"* | *88.2* | | *54.8* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *32.3* | | *"* | *58.8* | | *54.8* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *29.9* | | *"* | *88.2* | | *33.9* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *37.8* | | *"* | *58.9* | | *64.2* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *16.7* | | *"* | *88.4* | | *18.9* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *37.1* | | *"* | *58.8* | | *63.1* | *30-130* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **LCS (BB30679-BS1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Acenaphthene | 33.2 | 5.00 | ug/L | 50.0 | | 66.3 | 30-140 | | | | |
| Acenaphthylene | 32.0 | 5.00 | " | 50.0 | | 63.9 | 30-140 | | | | |
| Aniline | 44.6 | 5.00 | " | 50.0 | | 89.3 | 30-140 | | | | |
| Anthracene | 34.4 | 5.00 | " | 50.0 | | 68.8 | 30-140 | | | | |
| Benzo(a)anthracene | 35.4 | 5.00 | " | 50.0 | | 70.8 | 30-140 | | | | |
| Benzo(a)pyrene | 39.5 | 5.00 | " | 50.0 | | 79.0 | 30-140 | | | | |
| Benzo(b)fluoranthene | 35.2 | 5.00 | " | 50.0 | | 70.5 | 30-140 | | | | |
| Benzyl alcohol | 33.8 | 5.00 | " | 50.0 | | 67.6 | 30-130 | | | | |
| Benzo(g,h,i)perylene | 41.4 | 5.00 | " | 50.0 | | 82.7 | 30-140 | | | | |
| Benzo(k)fluoranthene | 34.3 | 5.00 | " | 50.0 | | 68.7 | 30-140 | | | | |
| Benzyl butyl phthalate | 30.2 | 5.00 | " | 50.0 | | 60.4 | 30-140 | | | | |
| 4-Bromophenyl phenyl ether | 33.6 | 5.00 | " | 50.0 | | 67.1 | 30-140 | | | | |
| 4-Chloro-3-methylphenol | 35.9 | 5.00 | " | 50.0 | | 71.7 | 30-130 | | | | |
| 4-Chloroaniline | 55.0 | 5.00 | " | 50.0 | | 110 | 30-140 | | | | |
| Bis(2-chloroethoxy)methane | 33.4 | 5.00 | " | 50.0 | | 66.9 | 30-140 | | | | |
| Bis(2-chloroethyl)ether | 31.1 | 5.00 | " | 50.0 | | 62.1 | 30-140 | | | | |
| Bis(2-chloroisopropyl)ether | 31.9 | 5.00 | " | 50.0 | | 63.7 | 30-140 | | | | |
| Bis(2-ethylhexyl)phthalate | 29.4 | 5.00 | " | 50.0 | | 58.8 | 30-140 | | | | |
| 2-Chloronaphthalene | 31.4 | 5.00 | " | 50.0 | | 62.7 | 30-140 | | | | |
| 2-Chlorophenol | 32.1 | 5.00 | " | 50.0 | | 64.1 | 30-130 | | | | |
| 4-Chlorophenyl phenyl ether | 32.7 | 5.00 | " | 50.0 | | 65.4 | 30-140 | | | | |
| Chrysene | 33.6 | 5.00 | " | 50.0 | | 67.2 | 30-140 | | | | |
| Dibenzo(a,h)anthracene | 38.3 | 5.00 | " | 50.0 | | 76.6 | 30-140 | | | | |
| Dibenzofuran | 32.9 | 5.00 | " | 50.0 | | 65.8 | 30-140 | | | | |
| Di-n-butyl phthalate | 33.0 | 5.00 | " | 50.0 | | 66.0 | 30-140 | | | | |
| 1,2-Dichlorobenzene | 28.2 | 5.00 | " | 50.0 | | 56.5 | 30-140 | | | | |
| 1,3-Dichlorobenzene | 28.8 | 5.00 | " | 50.0 | | 57.7 | 30-140 | | | | |
| 1,4-Dichlorobenzene | 27.1 | 5.00 | " | 50.0 | | 54.2 | 30-140 | | | | |
| 3,3'-Dichlorobenzidine | 39.5 | 5.00 | " | 50.0 | | 78.9 | 30-140 | | | | |
| 2,4-Dichlorophenol | 34.9 | 5.00 | " | 50.0 | | 69.8 | 30-130 | | | | |
| Diethyl phthalate | 33.2 | 5.00 | " | 50.0 | | 66.4 | 30-140 | | | | |
| 2,4-Dimethylphenol | 33.6 | 5.00 | " | 50.0 | | 67.1 | 30-130 | | | | |
| Dimethyl phthalate | 33.3 | 5.00 | " | 50.0 | | 66.5 | 30-140 | | | | |
| 4,6-Dinitro-2-methylphenol | 41.3 | 10.0 | " | 50.0 | | 82.7 | 30-130 | | | | |
| 2,4-Dinitrophenol | 48.4 | 10.0 | " | 50.0 | | 96.9 | 30-130 | | | | |
| 2,6-Dinitrotoluene | 34.8 | 5.00 | " | 50.0 | | 69.7 | 30-140 | | | | |
| 2,4-Dinitrotoluene | 35.0 | 5.00 | " | 50.0 | | 70.0 | 30-140 | | | | |
| Di-n-octyl phthalate | 25.9 | 5.00 | " | 50.0 | | 51.8 | 30-140 | | | | |
| Fluoranthene | 35.7 | 5.00 | " | 50.0 | | 71.4 | 30-140 | | | | |
| Fluorene | 33.6 | 5.00 | " | 50.0 | | 67.2 | 30-140 | | | | |
| Hexachlorobenzene | 33.1 | 5.00 | " | 50.0 | | 66.3 | 30-140 | | | | |
| Hexachlorobutadiene | 29.2 | 5.00 | " | 50.0 | | 58.5 | 30-140 | | | | |
| Hexachlorocyclopentadiene | 22.4 | 5.00 | " | 50.0 | | 44.7 | 30-140 | | | | |
| Hexachloroethane | 27.3 | 5.00 | " | 50.0 | | 54.6 | 30-140 | | | | |
| Indeno(1,2,3-cd)pyrene | 41.1 | 5.00 | " | 50.0 | | 82.2 | 30-140 | | | | |
| Isophorone | 34.1 | 5.00 | " | 50.0 | | 68.1 | 30-140 | | | | |
| 2-Methylnaphthalene | 33.1 | 5.00 | " | 50.0 | | 66.2 | 30-140 | | | | |
| 3- & 4-Methylphenols | 29.3 | 5.00 | " | 50.0 | | 58.7 | 30-130 | | | | |
| 2-Methylphenol | 31.2 | 5.00 | " | 50.0 | | 62.4 | 30-130 | | | | |
| Naphthalene | 31.8 | 5.00 | " | 50.0 | | 63.5 | 30-140 | | | | |
| 4-Nitroaniline | 42.2 | 5.00 | " | 50.0 | | 84.4 | 30-140 | | | | |
| 3-Nitroaniline | 47.3 | 5.00 | " | 50.0 | | 94.6 | 30-140 | | | | |
| 2-Nitroaniline | 35.4 | 5.00 | " | 50.0 | | 70.8 | 30-140 | | | | |
| Nitrobenzene | 32.8 | 5.00 | " | 50.0 | | 65.6 | 30-140 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **LCS (BB30679-BS1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| 2-Nitrophenol | 34.7 | 5.00 | ug/L | 50.0 | | 69.4 | 30-130 | | | | |
| 4-Nitrophenol | 20.6 | 5.00 | " | 50.0 | | 41.2 | 30-130 | | | | |
| N-nitroso-di-n-propylamine | 32.1 | 5.00 | " | 50.0 | | 64.3 | 30-140 | | | | |
| N-Nitrosodimethylamine | 26.0 | 5.00 | " | 50.0 | | 52.0 | 30-140 | | | | |
| N-Nitrosodiphenylamine | 39.4 | 5.00 | " | 50.0 | | 78.8 | 30-140 | | | | |
| Pentachlorophenol | 44.0 | 5.00 | " | 50.0 | | 88.0 | 30-130 | | | | |
| Phenanthrene | 34.4 | 5.00 | " | 50.0 | | 68.8 | 30-140 | | | | |
| Phenol | 16.6 | 5.00 | " | 50.0 | | 33.3 | 30-130 | | | | |
| Pyrene | 31.3 | 5.00 | " | 50.0 | | 62.6 | 30-140 | | | | |
| Pyridine | 12.3 | 5.00 | " | 50.0 | | 24.6 | 30-140 | Low Bias | | | |
| 1,2,4-Trichlorobenzene | 30.0 | 5.00 | " | 50.0 | | 59.9 | 30-140 | | | | |
| 2,4,6-Trichlorophenol | 33.6 | 5.00 | " | 50.0 | | 67.2 | 30-130 | | | | |
| 2,4,5-Trichlorophenol | 33.4 | 5.00 | " | 50.0 | | 66.9 | 30-130 | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *65.7* | | *"* | *75.0* | | *87.6* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *33.6* | | *"* | *50.0* | | *67.2* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *43.2* | | *"* | *75.0* | | *57.6* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *36.6* | | *"* | *50.1* | | *73.0* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *30.4* | | *"* | *75.1* | | *40.4* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *35.0* | | *"* | *50.0* | | *69.9* | *30-130* | | | | |
| **LCS (BB30679-BS2)** | | | | | | | | Prepared: 02/22/2013 Analyzed: 02/25/2013 | | | |
| Acenaphthene | ND | 5.00 | ug/L | 1.00 | | | 30-140 | Low Bias | | | |
| Acenaphthylene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Aniline | ND | 5.00 | " | | | | 30-140 | | | | |
| Anthracene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Benzo(a)anthracene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Benzo(a)pyrene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Benzo(b)fluoranthene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Benzyl alcohol | ND | 5.00 | " | | | | 30-130 | | | | |
| Benzo(g,h,i)perylene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Benzo(k)fluoranthene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Benzyl butyl phthalate | ND | 5.00 | " | | | | 30-140 | | | | |
| 4-Bromophenyl phenyl ether | ND | 5.00 | " | | | | 30-140 | | | | |
| 4-Chloro-3-methylphenol | ND | 5.00 | " | | | | 30-130 | | | | |
| 4-Chloroaniline | ND | 5.00 | " | | | | 30-140 | | | | |
| Bis(2-chloroethoxy)methane | ND | 5.00 | " | | | | 30-140 | | | | |
| Bis(2-chloroethyl)ether | ND | 5.00 | " | | | | 30-140 | | | | |
| Bis(2-chloroisopropyl)ether | ND | 5.00 | " | | | | 30-140 | | | | |
| Bis(2-ethylhexyl)phthalate | ND | 5.00 | " | | | | 30-140 | | | | |
| 2-Chloronaphthalene | ND | 5.00 | " | | | | 30-140 | | | | |
| 2-Chlorophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| 4-Chlorophenyl phenyl ether | ND | 5.00 | " | | | | 30-140 | | | | |
| Chrysene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Dibenzo(a,h)anthracene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Dibenzofuran | ND | 5.00 | " | | | | 30-140 | | | | |
| Di-n-butyl phthalate | ND | 5.00 | " | | | | 30-140 | | | | |
| 1,2-Dichlorobenzene | ND | 5.00 | " | | | | 30-140 | | | | |
| 1,3-Dichlorobenzene | ND | 5.00 | " | | | | 30-140 | | | | |
| 1,4-Dichlorobenzene | ND | 5.00 | " | | | | 30-140 | | | | |
| 3,3'-Dichlorobenzidine | ND | 5.00 | " | | | | 30-140 | | | | |
| 2,4-Dichlorophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| Diethyl phthalate | ND | 5.00 | " | | | | 30-140 | | | | |
| 2,4-Dimethylphenol | ND | 5.00 | " | | | | 30-130 | | | | |
| Dimethyl phthalate | ND | 5.00 | " | | | | 30-140 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **LCS (BB30679-BS2)** | | | | | | | | Prepared: 02/22/2013 Analyzed: 02/25/2013 | | | |
| 4,6-Dinitro-2-methylphenol | ND | 10.0 | ug/L | | | | 30-130 | | | | |
| 2,4-Dinitrophenol | ND | 10.0 | " | | | | 30-130 | | | | |
| 2,6-Dinitrotoluene | ND | 5.00 | " | | | | 30-140 | | | | |
| 2,4-Dinitrotoluene | ND | 5.00 | " | | | | 30-140 | | | | |
| Di-n-octyl phthalate | ND | 5.00 | " | | | | 30-140 | | | | |
| Fluoranthene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Fluorene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Hexachlorobenzene | ND | 5.00 | " | | | | 30-140 | | | | |
| Hexachlorobutadiene | ND | 5.00 | " | | | | 30-140 | | | | |
| Hexachlorocyclopentadiene | ND | 5.00 | " | | | | 30-140 | | | | |
| Hexachloroethane | ND | 5.00 | " | | | | 30-140 | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Isophorone | ND | 5.00 | " | | | | 30-140 | | | | |
| 2-Methylnaphthalene | ND | 5.00 | " | | | | 30-140 | | | | |
| 3- & 4-Methylphenols | ND | 5.00 | " | | | | 30-130 | | | | |
| 2-Methylphenol | ND | 5.00 | " | | | | 30-130 | | | | |
| Naphthalene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| 4-Nitroaniline | ND | 5.00 | " | | | | 30-140 | | | | |
| 3-Nitroaniline | ND | 5.00 | " | | | | 30-140 | | | | |
| 2-Nitroaniline | ND | 5.00 | " | | | | 30-140 | | | | |
| Nitrobenzene | ND | 5.00 | " | | | | 30-140 | | | | |
| 2-Nitrophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| 4-Nitrophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| N-nitroso-di-n-propylamine | ND | 5.00 | " | | | | 30-140 | | | | |
| N-Nitrosodimethylamine | ND | 5.00 | " | | | | 30-140 | | | | |
| N-Nitrosodiphenylamine | ND | 5.00 | " | | | | 30-140 | | | | |
| Pentachlorophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| Phenanthrene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Phenol | ND | 5.00 | " | | | | 30-130 | | | | |
| Pyrene | ND | 5.00 | " | 1.00 | | | 30-140 | Low Bias | | | |
| Pyridine | ND | 5.00 | " | | | | 30-140 | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.00 | " | | | | 30-140 | | | | |
| 2,4,6-Trichlorophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| 2,4,5-Trichlorophenol | ND | 5.00 | " | | | | 30-130 | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *0.00* | | *"* | *75.0* | | | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *0.00* | | *"* | *50.0* | | | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *0.00* | | *"* | *75.0* | | | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *0.00* | | *"* | *50.1* | | | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *0.00* | | *"* | *75.1* | | | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *0.00* | | *"* | *50.0* | | | *30-130* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **LCS Dup (BB30679-BSD1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Acenaphthene | 30.0 | 5.00 | ug/L | 50.0 | | 60.0 | 30-140 | | 9.97 | 20 | |
| Acenaphthylene | 26.4 | 5.00 | " | 50.0 | | 52.7 | 30-140 | | 19.2 | 20 | |
| Aniline | 40.7 | 5.00 | " | 50.0 | | 81.4 | 30-140 | | 9.19 | 20 | |
| Anthracene | 30.5 | 5.00 | " | 50.0 | | 61.0 | 30-140 | | 12.0 | 20 | |
| Benzo(a)anthracene | 29.6 | 5.00 | " | 50.0 | | 59.3 | 30-140 | | 17.7 | 20 | |
| Benzo(a)pyrene | 33.6 | 5.00 | " | 50.0 | | 67.2 | 30-140 | | 16.2 | 20 | |
| Benzo(b)fluoranthene | 32.9 | 5.00 | " | 50.0 | | 65.8 | 30-140 | | 6.84 | 20 | |
| Benzyl alcohol | 29.8 | 5.00 | " | 50.0 | | 59.7 | 30-130 | | 12.4 | 20 | |
| Benzo(g,h,i)perylene | 36.2 | 5.00 | " | 50.0 | | 72.5 | 30-140 | | 13.2 | 20 | |
| Benzo(k)fluoranthene | 32.2 | 5.00 | " | 50.0 | | 64.5 | 30-140 | | 6.25 | 20 | |
| Benzyl butyl phthalate | 26.0 | 5.00 | " | 50.0 | | 52.0 | 30-140 | | 14.9 | 20 | |
| 4-Bromophenyl phenyl ether | 27.0 | 5.00 | " | 50.0 | | 53.9 | 30-140 | | 21.8 | 20 | Non-dir. |
| 4-Chloro-3-methylphenol | 30.9 | 5.00 | " | 50.0 | | 61.7 | 30-130 | | 15.0 | 20 | |
| 4-Chloroaniline | 53.2 | 5.00 | " | 50.0 | | 106 | 30-140 | | 3.27 | 20 | |
| Bis(2-chloroethoxy)methane | 27.1 | 5.00 | " | 50.0 | | 54.3 | 30-140 | | 20.8 | 20 | Non-dir. |
| Bis(2-chloroethyl)ether | 25.5 | 5.00 | " | 50.0 | | 51.1 | 30-140 | | 19.6 | 20 | |
| Bis(2-chloroisopropyl)ether | 24.9 | 5.00 | " | 50.0 | | 49.8 | 30-140 | | 24.6 | 20 | Non-dir. |
| Bis(2-ethylhexyl)phthalate | 46.5 | 5.00 | " | 50.0 | | 92.9 | 30-140 | | 45.0 | 20 | Non-dir. |
| 2-Chloronaphthalene | 26.0 | 5.00 | " | 50.0 | | 51.9 | 30-140 | | 18.9 | 20 | |
| 2-Chlorophenol | 26.6 | 5.00 | " | 50.0 | | 53.2 | 30-130 | | 18.6 | 20 | |
| 4-Chlorophenyl phenyl ether | 26.7 | 5.00 | " | 50.0 | | 53.3 | 30-140 | | 20.4 | 20 | Non-dir. |
| Chrysene | 31.1 | 5.00 | " | 50.0 | | 62.1 | 30-140 | | 7.92 | 20 | |
| Dibenzo(a,h)anthracene | 33.0 | 5.00 | " | 50.0 | | 66.0 | 30-140 | | 14.8 | 20 | |
| Dibenzofuran | 27.5 | 5.00 | " | 50.0 | | 55.0 | 30-140 | | 17.9 | 20 | |
| Di-n-butyl phthalate | 27.4 | 5.00 | " | 50.0 | | 54.7 | 30-140 | | 18.7 | 20 | |
| 1,2-Dichlorobenzene | 21.9 | 5.00 | " | 50.0 | | 43.7 | 30-140 | | 25.5 | 20 | Non-dir. |
| 1,3-Dichlorobenzene | 22.2 | 5.00 | " | 50.0 | | 44.5 | 30-140 | | 25.8 | 20 | Non-dir. |
| 1,4-Dichlorobenzene | 22.1 | 5.00 | " | 50.0 | | 44.2 | 30-140 | | 20.4 | 20 | Non-dir. |
| 3,3'-Dichlorobenzidine | 33.7 | 5.00 | " | 50.0 | | 67.3 | 30-140 | | 15.9 | 20 | |
| 2,4-Dichlorophenol | 28.6 | 5.00 | " | 50.0 | | 57.1 | 30-130 | | 19.9 | 20 | |
| Diethyl phthalate | 28.4 | 5.00 | " | 50.0 | | 56.8 | 30-140 | | 15.7 | 20 | |
| 2,4-Dimethylphenol | 27.5 | 5.00 | " | 50.0 | | 55.1 | 30-130 | | 19.7 | 20 | |
| Dimethyl phthalate | 27.6 | 5.00 | " | 50.0 | | 55.2 | 30-140 | | 18.7 | 20 | |
| 4,6-Dinitro-2-methylphenol | 34.1 | 10.0 | " | 50.0 | | 68.1 | 30-130 | | 19.3 | 20 | |
| 2,4-Dinitrophenol | 39.4 | 10.0 | " | 50.0 | | 78.9 | 30-130 | | 20.5 | 20 | Non-dir. |
| 2,6-Dinitrotoluene | 29.3 | 5.00 | " | 50.0 | | 58.6 | 30-140 | | 17.3 | 20 | |
| 2,4-Dinitrotoluene | 29.1 | 5.00 | " | 50.0 | | 58.2 | 30-140 | | 18.4 | 20 | |
| Di-n-octyl phthalate | 22.8 | 5.00 | " | 50.0 | | 45.6 | 30-140 | | 12.9 | 20 | |
| Fluoranthene | 29.3 | 5.00 | " | 50.0 | | 58.6 | 30-140 | | 19.7 | 20 | |
| Fluorene | 30.5 | 5.00 | " | 50.0 | | 61.0 | 30-140 | | 9.68 | 20 | |
| Hexachlorobenzene | 27.5 | 5.00 | " | 50.0 | | 55.0 | 30-140 | | 18.7 | 20 | |
| Hexachlorobutadiene | 22.3 | 5.00 | " | 50.0 | | 44.5 | 30-140 | | 27.1 | 20 | Non-dir. |
| Hexachlorocyclopentadiene | 15.6 | 5.00 | " | 50.0 | | 31.2 | 30-140 | | 35.6 | 20 | Non-dir. |
| Hexachloroethane | 20.5 | 5.00 | " | 50.0 | | 41.1 | 30-140 | | 28.3 | 20 | Non-dir. |
| Indeno(1,2,3-cd)pyrene | 35.5 | 5.00 | " | 50.0 | | 70.9 | 30-140 | | 14.8 | 20 | |
| Isophorone | 28.9 | 5.00 | " | 50.0 | | 57.8 | 30-140 | | 16.4 | 20 | |
| 2-Methylnaphthalene | 26.7 | 5.00 | " | 50.0 | | 53.4 | 30-140 | | 21.3 | 20 | Non-dir. |
| 3- & 4-Methylphenols | 25.2 | 5.00 | " | 50.0 | | 50.4 | 30-130 | | 15.1 | 20 | |
| 2-Methylphenol | 28.0 | 5.00 | " | 50.0 | | 56.0 | 30-130 | | 10.9 | 20 | |
| Naphthalene | 24.7 | 5.00 | " | 50.0 | | 49.4 | 30-140 | | 25.0 | 20 | Non-dir. |
| 4-Nitroaniline | 33.2 | 5.00 | " | 50.0 | | 66.4 | 30-140 | | 23.9 | 20 | Non-dir. |
| 3-Nitroaniline | 42.4 | 5.00 | " | 50.0 | | 84.7 | 30-140 | | 11.0 | 20 | |
| 2-Nitroaniline | 29.2 | 5.00 | " | 50.0 | | 58.5 | 30-140 | | 19.0 | 20 | |
| Nitrobenzene | 25.5 | 5.00 | " | 50.0 | | 51.0 | 30-140 | | 24.9 | 20 | Non-dir. |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30679 - EPA 3510C** | | | | | | | | | | | |
| **LCS Dup (BB30679-BSD1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| 2-Nitrophenol | 27.1 | 5.00 | ug/L | 50.0 | | 54.2 | 30-130 | | 24.7 | 20 | Non-dir. |
| 4-Nitrophenol | 22.6 | 5.00 | " | 50.0 | | 45.2 | 30-130 | | 9.12 | 20 | |
| N-nitroso-di-n-propylamine | 26.1 | 5.00 | " | 50.0 | | 52.1 | 30-140 | | 20.9 | 20 | Non-dir. |
| N-Nitrosodimethylamine | 24.6 | 5.00 | " | 50.0 | | 49.2 | 30-140 | | 5.61 | 20 | |
| N-Nitrosodiphenylamine | 33.8 | 5.00 | " | 50.0 | | 67.6 | 30-140 | | 15.2 | 20 | |
| Pentachlorophenol | 33.6 | 5.00 | " | 50.0 | | 67.3 | 30-130 | | 26.7 | 20 | Non-dir. |
| Phenanthrene | 30.3 | 5.00 | " | 50.0 | | 60.6 | 30-140 | | 12.6 | 20 | |
| Phenol | 16.9 | 5.00 | " | 50.0 | | 33.8 | 30-130 | | 1.49 | 20 | |
| Pyrene | 27.5 | 5.00 | " | 50.0 | | 55.1 | 30-140 | | 12.8 | 20 | |
| Pyridine | 13.8 | 5.00 | " | 50.0 | | 27.6 | 30-140 | Low Bias | 11.4 | 20 | |
| 1,2,4-Trichlorobenzene | 23.6 | 5.00 | " | 50.0 | | 47.3 | 30-140 | | 23.6 | 20 | Non-dir. |
| 2,4,6-Trichlorophenol | 31.2 | 5.00 | " | 50.0 | | 62.5 | 30-130 | | 7.25 | 20 | |
| 2,4,5-Trichlorophenol | 31.4 | 5.00 | " | 50.0 | | 62.9 | 30-130 | | 6.10 | 20 | |
| *Surrogate: 2,4,6-Tribromophenol* | *54.1* | | *"* | *75.0* | | *72.1* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *27.8* | | *"* | *50.0* | | *55.7* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *36.7* | | *"* | *75.0* | | *49.0* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *29.4* | | *"* | *50.1* | | *58.7* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *26.1* | | *"* | *75.1* | | *34.7* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *29.1* | | *"* | *50.0* | | *58.2* | *30-130* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30656 - EPA 3550B** | | | | | | | | | | | |
| **Blank (BB30656-BLK1)** | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/25/2013 | | | |
| Toxaphene | ND | 25.0 | ug/kg wet | | | | | | | | |
| Methoxychlor | ND | 2.48 | " | | | | | | | | |
| Heptachlor epoxide | ND | 0.495 | " | | | | | | | | |
| Heptachlor | ND | 0.495 | " | | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.495 | " | | | | | | | | |
| Endrin ketone | ND | 0.495 | " | | | | | | | | |
| Endrin aldehyde | ND | 0.495 | " | | | | | | | | |
| Endrin | ND | 0.495 | " | | | | | | | | |
| Endosulfan sulfate | ND | 0.495 | " | | | | | | | | |
| Endosulfan II | ND | 0.495 | " | | | | | | | | |
| Endosulfan I | ND | 0.495 | " | | | | | | | | |
| Dieldrin | ND | 0.495 | " | | | | | | | | |
| delta-BHC | ND | 0.495 | " | | | | | | | | |
| Chlordane, total | ND | 1.98 | " | | | | | | | | |
| beta-BHC | ND | 0.495 | " | | | | | | | | |
| alpha-BHC | ND | 0.495 | " | | | | | | | | |
| Aldrin | ND | 0.495 | " | | | | | | | | |
| 4,4'-DDT | ND | 0.495 | " | | | | | | | | |
| 4,4'-DDE | ND | 0.495 | " | | | | | | | | |
| 4,4'-DDD | ND | 0.495 | " | | | | | | | | |
| Aroclor 1260 | ND | 25.5 | " | | | | | | | | |
| Aroclor 1254 | ND | 25.5 | " | | | | | | | | |
| Aroclor 1248 | ND | 25.5 | " | | | | | | | | |
| Aroclor 1242 | ND | 25.5 | " | | | | | | | | |
| Aroclor 1232 | ND | 25.5 | " | | | | | | | | |
| Aroclor 1221 | ND | 25.5 | " | | | | | | | | |
| Aroclor 1016 | ND | 25.5 | " | | | | | | | | |
| Total PCBs | ND | 25.5 | " | | | | | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *103* | | *"* | *100* | | *103* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *91.1* | | *"* | *100* | | *90.6* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

# Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30656 - EPA 3550B** | | | | | | | | | | | |
| **LCS (BB30656-BS1)** | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/25/2013 | | | |
| Methoxychlor | 52.3 | 2.48 | ug/kg wet | 50.0 | | 105 | 40-140 | | | | |
| Heptachlor epoxide | 45.6 | 0.495 | " | 50.0 | | 91.3 | 40-140 | | | | |
| Heptachlor | 35.7 | 0.495 | " | 50.0 | | 71.4 | 40-140 | | | | |
| gamma-BHC (Lindane) | 44.6 | 0.495 | " | 50.0 | | 89.3 | 40-140 | | | | |
| Endrin ketone | 45.3 | 0.495 | " | 50.0 | | 90.6 | 40-140 | | | | |
| Endrin aldehyde | 42.4 | 0.495 | " | 50.0 | | 84.8 | 40-140 | | | | |
| Endrin | 44.5 | 0.495 | " | 50.0 | | 89.1 | 40-140 | | | | |
| Endosulfan sulfate | 29.5 | 0.495 | " | 50.0 | | 59.0 | 40-140 | | | | |
| Endosulfan II | 43.7 | 0.495 | " | 50.0 | | 87.3 | 40-140 | | | | |
| Endosulfan I | 47.9 | 0.495 | " | 50.0 | | 95.8 | 40-140 | | | | |
| Dieldrin | 47.3 | 0.495 | " | 50.0 | | 94.6 | 40-140 | | | | |
| delta-BHC | 39.4 | 0.495 | " | 50.0 | | 78.9 | 40-140 | | | | |
| beta-BHC | 46.1 | 0.495 | " | 50.0 | | 92.1 | 40-140 | | | | |
| alpha-BHC | 47.0 | 0.495 | " | 50.0 | | 94.0 | 40-140 | | | | |
| Aldrin | 48.0 | 0.495 | " | 50.0 | | 96.0 | 40-140 | | | | |
| 4,4'-DDT | 46.3 | 0.495 | " | 50.0 | | 92.6 | 40-140 | | | | |
| 4,4'-DDE | 47.2 | 0.495 | " | 50.0 | | 94.3 | 40-140 | | | | |
| 4,4'-DDD | 54.1 | 0.495 | " | 50.0 | | 108 | 40-140 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *112* | | *"* | *100* | | *112* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *91.7* | | *"* | *100* | | *91.2* | *30-150* | | | | |
| **LCS (BB30656-BS2)** | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/25/2013 | | | |
| Aroclor 1260 | 424 | 25.5 | ug/kg wet | 500 | | 84.8 | 40-140 | | | | |
| Aroclor 1016 | 475 | 25.5 | " | 500 | | 95.1 | 40-140 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *92.0* | | *"* | *100* | | *92.0* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *75.5* | | *"* | *100* | | *75.1* | *30-150* | | | | |
| **Matrix Spike (BB30656-MS1)** | *Source sample: 13B0526-02 (SP-1 12-14ft) | | | | | | | Prepared: 02/21/2013 Analyzed: 02/25/2013 | | | |
| Methoxychlor | 53.0 | 14.2 | ug/kg dry | 57.5 | ND | 92.2 | 30-150 | | | | |
| Heptachlor epoxide | 63.2 | 2.85 | " | 57.5 | ND | 110 | 30-150 | | | | |
| Heptachlor | 54.5 | 2.85 | " | 57.5 | ND | 94.8 | 30-150 | | | | |
| gamma-BHC (Lindane) | 63.3 | 2.85 | " | 57.5 | ND | 110 | 30-150 | | | | |
| Endrin ketone | 55.8 | 2.85 | " | 57.5 | ND | 97.1 | 30-150 | | | | |
| Endrin aldehyde | 59.0 | 2.85 | " | 57.5 | ND | 103 | 30-150 | | | | |
| Endrin | 63.6 | 2.85 | " | 57.5 | ND | 111 | 30-150 | | | | |
| Endosulfan sulfate | 50.3 | 2.85 | " | 57.5 | ND | 87.5 | 30-150 | | | | |
| Endosulfan II | 58.9 | 2.85 | " | 57.5 | ND | 102 | 30-150 | | | | |
| Endosulfan I | 60.5 | 2.85 | " | 57.5 | ND | 105 | 30-150 | | | | |
| Dieldrin | 60.1 | 2.85 | " | 57.5 | ND | 104 | 30-150 | | | | |
| delta-BHC | 52.6 | 2.85 | " | 57.5 | ND | 91.4 | 30-150 | | | | |
| beta-BHC | 60.3 | 2.85 | " | 57.5 | ND | 105 | 30-150 | | | | |
| alpha-BHC | 63.0 | 2.85 | " | 57.5 | ND | 110 | 30-150 | | | | |
| Aldrin | 65.8 | 2.85 | " | 57.5 | ND | 114 | 30-150 | | | | |
| 4,4'-DDT | 49.5 | 2.85 | " | 57.5 | ND | 86.0 | 30-150 | | | | |
| 4,4'-DDE | 62.3 | 2.85 | " | 57.5 | ND | 108 | 30-150 | | | | |
| 4,4'-DDD | 64.7 | 2.85 | " | 57.5 | ND | 112 | 30-150 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *168* | | *"* | *115* | | *146* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *114* | | *"* | *116* | | *98.9* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30656 - EPA 3550B** | | | | | | | | | | | |
| **Matrix Spike Dup (BB30656-MSD1)** | *Source sample: 13B0526-02 (SP-1 12-14ft) | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/25/2013 | | |
| Methoxychlor | 49.4 | 14.2 | ug/kg dry | 57.5 | ND | 86.0 | 30-150 | | 7.00 | 30 | |
| Heptachlor epoxide | 59.8 | 2.85 | " | 57.5 | ND | 104 | 30-150 | | 5.57 | 30 | |
| Heptachlor | 51.1 | 2.85 | " | 57.5 | ND | 88.9 | 30-150 | | 6.37 | 30 | |
| gamma-BHC (Lindane) | 60.2 | 2.85 | " | 57.5 | ND | 105 | 30-150 | | 5.11 | 30 | |
| Endrin ketone | 52.0 | 2.85 | " | 57.5 | ND | 90.5 | 30-150 | | 7.03 | 30 | |
| Endrin aldehyde | 55.0 | 2.85 | " | 57.5 | ND | 95.6 | 30-150 | | 7.08 | 30 | |
| Endrin | 59.5 | 2.85 | " | 57.5 | ND | 103 | 30-150 | | 6.61 | 30 | |
| Endosulfan sulfate | 46.5 | 2.85 | " | 57.5 | ND | 80.9 | 30-150 | | 7.85 | 30 | |
| Endosulfan II | 55.0 | 2.85 | " | 57.5 | ND | 95.6 | 30-150 | | 6.96 | 30 | |
| Endosulfan I | 57.0 | 2.85 | " | 57.5 | ND | 99.1 | 30-150 | | 5.93 | 30 | |
| Dieldrin | 56.3 | 2.85 | " | 57.5 | ND | 97.9 | 30-150 | | 6.44 | 30 | |
| delta-BHC | 49.0 | 2.85 | " | 57.5 | ND | 85.2 | 30-150 | | 7.03 | 30 | |
| beta-BHC | 59.0 | 2.85 | " | 57.5 | ND | 103 | 30-150 | | 2.21 | 30 | |
| alpha-BHC | 60.2 | 2.85 | " | 57.5 | ND | 105 | 30-150 | | 4.60 | 30 | |
| Aldrin | 63.3 | 2.85 | " | 57.5 | ND | 110 | 30-150 | | 3.88 | 30 | |
| 4,4'-DDT | 46.3 | 2.85 | " | 57.5 | ND | 80.6 | 30-150 | | 6.58 | 30 | |
| 4,4'-DDE | 59.8 | 2.85 | " | 57.5 | ND | 104 | 30-150 | | 4.08 | 30 | |
| 4,4'-DDD | 60.0 | 2.85 | " | 57.5 | ND | 104 | 30-150 | | 7.51 | 30 | |
| *Surrogate: Tetrachloro-m-xylene* | *167* | | *"* | *115* | | *145* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *112* | | *"* | *116* | | *97.1* | *30-150* | | | | |
| **Batch BB30734 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **Blank (BB30734-BLK1)** | | | | | | | | | Prepared & Analyzed: 02/25/2013 | | |
| Toxaphene | ND | 0.0500 | ug/L | | | | | | | | |
| Methoxychlor | ND | 0.00500 | " | | | | | | | | |
| Heptachlor epoxide | ND | 0.00100 | " | | | | | | | | |
| Heptachlor | ND | 0.00100 | " | | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.00100 | " | | | | | | | | |
| Endrin ketone | ND | 0.00100 | " | | | | | | | | |
| Endrin aldehyde | ND | 0.00100 | " | | | | | | | | |
| Endrin | ND | 0.00100 | " | | | | | | | | |
| Endosulfan sulfate | ND | 0.00100 | " | | | | | | | | |
| Endosulfan II | ND | 0.00100 | " | | | | | | | | |
| Endosulfan I | ND | 0.00100 | " | | | | | | | | |
| Dieldrin | ND | 0.00100 | " | | | | | | | | |
| delta-BHC | ND | 0.00100 | " | | | | | | | | |
| Chlordane, total | ND | 0.00400 | " | | | | | | | | |
| beta-BHC | ND | 0.00100 | " | | | | | | | | |
| alpha-BHC | ND | 0.00100 | " | | | | | | | | |
| Aldrin | ND | 0.00100 | " | | | | | | | | |
| 4,4'-DDT | ND | 0.00100 | " | | | | | | | | |
| 4,4'-DDE | ND | 0.00100 | " | | | | | | | | |
| 4,4'-DDD | ND | 0.00100 | " | | | | | | | | |
| Aroclor 1260 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1254 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1248 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1242 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1232 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1221 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1016 | ND | 0.0500 | " | | | | | | | | |
| Total PCBs | ND | 0.0500 | " | | | | | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.119* | | *"* | *0.200* | | *59.5* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.151* | | *"* | *0.201* | | *75.1* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30734 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **LCS (BB30734-BS1)** | | | | | | | | Prepared: 02/25/2013 Analyzed: 02/26/2013 | | | |
| Methoxychlor | 0.0509 | 0.00500 | ug/L | 0.100 | | 50.9 | 40-140 | | | | |
| Heptachlor epoxide | 0.0425 | 0.00100 | " | 0.100 | | 42.5 | 40-140 | | | | |
| Heptachlor | 0.0383 | 0.00100 | " | 0.100 | | 38.3 | 40-140 | Low Bias | | | |
| gamma-BHC (Lindane) | 0.0394 | 0.00100 | " | 0.100 | | 39.4 | 40-140 | Low Bias | | | |
| Endrin ketone | 0.0495 | 0.00100 | " | 0.100 | | 49.5 | 40-140 | | | | |
| Endrin aldehyde | 0.0541 | 0.00100 | " | 0.100 | | 54.1 | 40-140 | | | | |
| Endrin | 0.0481 | 0.00100 | " | 0.100 | | 48.1 | 40-140 | | | | |
| Endosulfan sulfate | 0.0465 | 0.00100 | " | 0.100 | | 46.5 | 40-140 | | | | |
| Endosulfan II | 0.0444 | 0.00100 | " | 0.100 | | 44.4 | 40-140 | | | | |
| Endosulfan I | 0.0423 | 0.00100 | " | 0.100 | | 42.3 | 40-140 | | | | |
| Dieldrin | 0.0432 | 0.00100 | " | 0.100 | | 43.2 | 40-140 | | | | |
| delta-BHC | 0.0419 | 0.00100 | " | 0.100 | | 41.9 | 40-140 | | | | |
| beta-BHC | 0.0425 | 0.00100 | " | 0.100 | | 42.5 | 40-140 | | | | |
| alpha-BHC | 0.0391 | 0.00100 | " | 0.100 | | 39.1 | 40-140 | Low Bias | | | |
| Aldrin | 0.0336 | 0.00100 | " | 0.100 | | 33.6 | 40-140 | Low Bias | | | |
| 4,4'-DDT | 0.0467 | 0.00100 | " | 0.100 | | 46.7 | 40-140 | | | | |
| 4,4'-DDE | 0.0449 | 0.00100 | " | 0.100 | | 44.9 | 40-140 | | | | |
| 4,4'-DDD | 0.0515 | 0.00100 | " | 0.100 | | 51.5 | 40-140 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0998* | | *"* | *0.200* | | *49.9* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.123* | | *"* | *0.201* | | *61.0* | *30-150* | | | | |
| **LCS (BB30734-BS2)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Aroclor 1260 | 0.597 | 0.0500 | ug/L | 1.00 | | 59.7 | 40-140 | | | | |
| Aroclor 1016 | 0.611 | 0.0500 | " | 1.00 | | 61.1 | 40-140 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.138* | | *"* | *0.200* | | *69.0* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.134* | | *"* | *0.201* | | *66.7* | *30-150* | | | | |
| **LCS Dup (BB30734-BSD1)** | | | | | | | | Prepared: 02/25/2013 Analyzed: 02/26/2013 | | | |
| Methoxychlor | 0.0549 | 0.00500 | ug/L | 0.100 | | 54.9 | 40-140 | | 7.55 | 200 | |
| Heptachlor epoxide | 0.0453 | 0.00100 | " | 0.100 | | 45.3 | 40-140 | | 6.51 | 200 | |
| Heptachlor | 0.0388 | 0.00100 | " | 0.100 | | 38.8 | 40-140 | Low Bias | 1.28 | 200 | |
| gamma-BHC (Lindane) | 0.0419 | 0.00100 | " | 0.100 | | 41.9 | 40-140 | | 6.15 | 200 | |
| Endrin ketone | 0.0538 | 0.00100 | " | 0.100 | | 53.8 | 40-140 | | 8.33 | 200 | |
| Endrin aldehyde | 0.0587 | 0.00100 | " | 0.100 | | 58.7 | 40-140 | | 8.14 | 200 | |
| Endrin | 0.0513 | 0.00100 | " | 0.100 | | 51.3 | 40-140 | | 6.40 | 200 | |
| Endosulfan sulfate | 0.0499 | 0.00100 | " | 0.100 | | 49.9 | 40-140 | | 7.08 | 200 | |
| Endosulfan II | 0.0472 | 0.00100 | " | 0.100 | | 47.2 | 40-140 | | 6.01 | 200 | |
| Endosulfan I | 0.0454 | 0.00100 | " | 0.100 | | 45.4 | 40-140 | | 7.10 | 200 | |
| Dieldrin | 0.0463 | 0.00100 | " | 0.100 | | 46.3 | 40-140 | | 7.03 | 200 | |
| delta-BHC | 0.0436 | 0.00100 | " | 0.100 | | 43.6 | 40-140 | | 4.13 | 200 | |
| beta-BHC | 0.0446 | 0.00100 | " | 0.100 | | 44.6 | 40-140 | | 4.96 | 200 | |
| alpha-BHC | 0.0411 | 0.00100 | " | 0.100 | | 41.1 | 40-140 | | 5.11 | 200 | |
| Aldrin | 0.0350 | 0.00100 | " | 0.100 | | 35.0 | 40-140 | Low Bias | 4.27 | 200 | |
| 4,4'-DDT | 0.0504 | 0.00100 | " | 0.100 | | 50.4 | 40-140 | | 7.47 | 200 | |
| 4,4'-DDE | 0.0478 | 0.00100 | " | 0.100 | | 47.8 | 40-140 | | 6.25 | 200 | |
| 4,4'-DDD | 0.0555 | 0.00100 | " | 0.100 | | 55.5 | 40-140 | | 7.44 | 200 | |
| *Surrogate: Tetrachloro-m-xylene* | *0.120* | | *"* | *0.200* | | *60.2* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.137* | | *"* | *0.201* | | *68.1* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30734 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **LCS Dup (BB30734-BSD2)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Aroclor 1260 | 0.571 | 0.0500 | ug/L | 1.00 | | 57.1 | 40-140 | | 4.42 | 200 | |
| Aroclor 1016 | 0.603 | 0.0500 | " | 1.00 | | 60.3 | 40-140 | | 1.28 | 200 | |
| *Surrogate: Tetrachloro-m-xylene* | *0.115* | | *"* | *0.200* | | *57.5* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.133* | | *"* | *0.201* | | *66.2* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

# Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30671 - EPA 3010A** | | | | | | | | | | | |
| **Blank (BB30671-BLK1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Aluminum | ND | 0.010 | mg/L | | | | | | | | |
| Antimony | ND | 0.005 | " | | | | | | | | |
| Arsenic | ND | 0.004 | " | | | | | | | | |
| Barium | ND | 0.010 | " | | | | | | | | |
| Beryllium | ND | 0.001 | " | | | | | | | | |
| Cadmium | ND | 0.003 | " | | | | | | | | |
| Calcium | ND | 0.050 | " | | | | | | | | |
| Chromium | ND | 0.005 | " | | | | | | | | |
| Cobalt | ND | 0.005 | " | | | | | | | | |
| Copper | ND | 0.005 | " | | | | | | | | |
| Iron | ND | 0.020 | " | | | | | | | | |
| Lead | ND | 0.003 | " | | | | | | | | |
| Magnesium | ND | 0.050 | " | | | | | | | | |
| Manganese | ND | 0.005 | " | | | | | | | | |
| Nickel | ND | 0.005 | " | | | | | | | | |
| Potassium | ND | 0.050 | " | | | | | | | | |
| Selenium | ND | 0.010 | " | | | | | | | | |
| Silver | ND | 0.005 | " | | | | | | | | |
| Sodium | ND | 0.100 | " | | | | | | | | |
| Thallium | ND | 0.010 | " | | | | | | | | |
| Vanadium | ND | 0.010 | " | | | | | | | | |
| Zinc | ND | 0.020 | " | | | | | | | | |
| **Reference (BB30671-SRM1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Aluminum | 0.283 | 0.010 | mg/L | 0.292 | | 96.8 | 72.6-129 | | | | |
| Antimony | 0.585 | 0.005 | " | 0.686 | | 85.3 | 70.6-120 | | | | |
| Arsenic | 0.165 | 0.004 | " | 0.182 | | 90.4 | 81.9-118 | | | | |
| Barium | 2.08 | 0.010 | " | 2.08 | | 100 | 87-113 | | | | |
| Beryllium | 0.163 | 0.001 | " | 0.169 | | 96.2 | 84.6-113 | | | | |
| Cadmium | 0.371 | 0.003 | " | 0.393 | | 94.5 | 85.2-114 | | | | |
| Chromium | 0.578 | 0.005 | " | 0.611 | | 94.6 | 87.1-113 | | | | |
| Cobalt | 0.292 | 0.005 | " | 0.290 | | 101 | 87.6-112 | | | | |
| Copper | 0.533 | 0.005 | " | 0.569 | | 93.7 | 90-110 | | | | |
| Iron | 0.449 | 0.020 | " | 0.462 | | 97.2 | 87.9-114 | | | | |
| Lead | 0.256 | 0.003 | " | 0.259 | | 98.8 | 85.7-114 | | | | |
| Manganese | 1.30 | 0.005 | " | 1.28 | | 101 | 89.8-111 | | | | |
| Nickel | 0.298 | 0.005 | " | 0.279 | | 107 | 88.5-113 | | | | |
| Selenium | 0.951 | 0.010 | " | 1.05 | | 90.6 | 79.5-116 | | | | |
| Silver | 0.295 | 0.005 | " | 0.333 | | 88.6 | 85.9-115 | | | | |
| Thallium | 0.483 | 0.010 | " | 0.487 | | 99.2 | 80.1-120 | | | | |
| Vanadium | 0.416 | 0.010 | " | 0.455 | | 91.5 | 87.5-112 | | | | |
| Zinc | 0.179 | 0.020 | " | 0.191 | | 93.6 | 84.8-118 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

# Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30671 - EPA 3010A** | | | | | | | | | | | |
| **Reference (BB30671-SRM2)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Calcium | 25.6 | 0.050 | mg/L | 25.3 | | 101 | 86.2-114 | | | | |
| Magnesium | 13.4 | 0.050 | " | 13.5 | | 99.4 | 85.9-114 | | | | |
| Potassium | 17.8 | 0.050 | " | 19.1 | | 93.1 | 84.8-115 | | | | |
| Sodium | 51.5 | 0.100 | " | 53.2 | | 96.8 | 85-115 | | | | |
| **Batch BB30672 - EPA 3050B** | | | | | | | | | | | |
| **Blank (BB30672-BLK1)** | | | | | | | | Prepared & Analyzed: 02/21/2013 | | | |
| Aluminum | ND | 2.00 | mg/kg wet | | | | | | | | |
| Antimony | ND | 0.500 | " | | | | | | | | |
| Arsenic | ND | 1.00 | " | | | | | | | | |
| Barium | ND | 0.500 | " | | | | | | | | |
| Beryllium | ND | 0.100 | " | | | | | | | | |
| Cadmium | ND | 0.500 | " | | | | | | | | |
| Calcium | ND | 5.00 | " | | | | | | | | |
| Chromium | ND | 0.500 | " | | | | | | | | |
| Cobalt | ND | 0.500 | " | | | | | | | | |
| Copper | ND | 0.500 | " | | | | | | | | |
| Iron | ND | 2.00 | " | | | | | | | | |
| Lead | ND | 0.300 | " | | | | | | | | |
| Magnesium | ND | 5.00 | " | | | | | | | | |
| Manganese | ND | 1.00 | " | | | | | | | | |
| Nickel | ND | 0.500 | " | | | | | | | | |
| Potassium | ND | 10.0 | " | | | | | | | | |
| Selenium | ND | 0.500 | " | | | | | | | | |
| Silver | ND | 0.500 | " | | | | | | | | |
| Sodium | ND | 10.0 | " | | | | | | | | |
| Thallium | ND | 0.500 | " | | | | | | | | |
| Vanadium | ND | 0.500 | " | | | | | | | | |
| Zinc | ND | 0.500 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

# Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30672 - EPA 3050B** | | | | | | | | | | | |
| **Reference (BB30672-SRM1)** | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/22/2013 | | | |
| Aluminum | 7710 | 2.00 | mg/kg wet | 9310 | | 82.8 | 43.3-157 | | | | |
| Antimony | 133 | 0.500 | " | 120 | | 111 | 20.8-253 | | | | |
| Arsenic | 159 | 1.00 | " | 168 | | 94.7 | 70.8-130 | | | | |
| Barium | 190 | 0.500 | " | 213 | | 89.4 | 73.2-127 | | | | |
| Beryllium | 101 | 0.100 | " | 110 | | 92.1 | 75.1-125 | | | | |
| Cadmium | 90.3 | 0.500 | " | 103 | | 87.7 | 73-126 | | | | |
| Calcium | 6480 | 5.00 | " | 6870 | | 94.4 | 74.4-126 | | | | |
| Chromium | 104 | 0.500 | " | 119 | | 87.7 | 69.7-129 | | | | |
| Cobalt | 127 | 0.500 | " | 131 | | 97.2 | 74.4-125 | | | | |
| Copper | 113 | 0.500 | " | 118 | | 95.4 | 74.6-125 | | | | |
| Iron | 12200 | 2.00 | " | 13000 | | 93.9 | 32.2-168 | | | | |
| Lead | 70.8 | 0.300 | " | 76.9 | | 92.1 | 68.7-131 | | | | |
| Magnesium | 2450 | 5.00 | " | 2780 | | 88.0 | 61.5-135 | | | | |
| Manganese | 315 | 1.00 | " | 338 | | 93.1 | 75.4-125 | | | | |
| Nickel | 75.1 | 0.500 | " | 70.0 | | 107 | 70.9-129 | | | | |
| Potassium | 2690 | 10.0 | " | 3130 | | 86.0 | 62.9-137 | | | | |
| Selenium | 122 | 0.500 | " | 126 | | 97.0 | 66.7-134 | | | | |
| Silver | 36.1 | 0.500 | " | 42.3 | | 85.2 | 66.2-134 | | | | |
| Sodium | 443 | 10.0 | " | 350 | | 127 | 42.9-157 | | | | |
| Thallium | 193 | 0.500 | " | 208 | | 92.7 | 69.2-121 | | | | |
| Vanadium | 79.1 | 0.500 | " | 87.1 | | 90.8 | 63.1-137 | | | | |
| Zinc | 247 | 0.500 | " | 276 | | 89.5 | 71.3-129 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Mercury by EPA 7000/200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30655 - EPA SW846-7471** | | | | | | | | | | | |
| **Blank (BB30655-BLK1)** | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/22/2013 | | | |
| Mercury | ND | 0.100 | mg/kg wet | | | | | | | | |
| **LCS (BB30655-BS1)** | | | | | | | | Prepared: 02/21/2013 Analyzed: 02/22/2013 | | | |
| Mercury | 2.47 | | mg/kg | 2.96 | | 83.4 | 67.6-131 | | | | |
| **Batch BB30725 - EPA SW846-7470** | | | | | | | | | | | |
| **Blank (BB30725-BLK1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Mercury | ND | 0.0002 | mg/L | | | | | | | | |
| **LCS (BB30725-BS1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Mercury | 0.001887 | 0.0002 | mg/L | 0.00200 | | 94.3 | 80-120 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Wet Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30661 - Analysis Preparation** | | | | | | | | | | | |
| **Blank (BB30661-BLK1)** | | | | | | | | Prepared & Analyzed: 02/20/2013 | | | |
| Chromium, Hexavalent | ND | 0.0100 | mg/L | | | | | | | | |
| **LCS (BB30661-BS1)** | | | | | | | | Prepared & Analyzed: 02/20/2013 | | | |
| Chromium, Hexavalent | 0.486 | 0.0100 | mg/L | 0.500 | | 97.2 | 80-120 | | | | |
| **Batch BB30680 - EPA SW846-3060** | | | | | | | | | | | |
| **Blank (BB30680-BLK1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Chromium, Hexavalent | ND | 0.500 | mg/kg wet | | | | | | | | |
| **Duplicate (BB30680-DUP1)** | *Source sample: 13B0526-01 (SP-1 0-2ft) | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Chromium, Hexavalent | ND | 0.603 | mg/kg dry | | ND | | | | | 35 | |
| **Matrix Spike (BB30680-MS1)** | *Source sample: 13B0526-01 (SP-1 0-2ft) | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Chromium, Hexavalent | 22.0 | 0.603 | mg/kg dry | 24.1 | ND | 91.2 | 75-125 | | | | |
| **Reference (BB30680-SRM1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Chromium, Hexavalent | 174 | | mg/L | 218 | | 79.8 | 70.6-129 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Volatile Analysis Sample Containers

| Lab ID | Client Sample ID | Volatile Sample Container |
|---|---|---|
| 13B0526-01 | SP-1 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-02 | SP-1 12-14ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-03 | SP-2 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-04 | SP-2 8-10ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-05 | SP-3 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-06 | SP-3 8-10ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-07 | SP-4 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-08 | SP-4 8-10ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-09 | SP-5 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-10 | SP-5 8-10ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-11 | SP-6 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-12 | SP-6 8-10ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-13 | SP-7 0-2ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-14 | SP-7 8-10ft | 40mL Vial with Stir Bar-Cool 4° C |
| 13B0526-15 | Field Blank | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 13B0526-16 | Trip Blank | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |

## Notes and Definitions

| | |
|---|---|
| S-GC | Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| 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. |
| HT-02 | NON-COMPLIANT-This sample was received outside the EPA recommended holding time. |
| B | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact. |

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| | |
|---|---|
| ND | Analyte NOT DETECTED at the stated Reporting Limit (RL) or above. |
| RL | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve. |
| MDL | METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag. |
| NR | Not reported |
| RPD | Relative Percent Difference |
| Wet | The data has been reported on an as-received (wet weight) basis |
| Low Bias | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias. |

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

# Field Chain-of-Custody Record

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

**York Project No.** 13B0526

| YOUR Information | | Report to: | | Invoice To: | | Your Project ID | Turn-Around Time | | Report/Deliverable Type | |
|---|---|---|---|---|---|---|---|---|---|---|
| Company: | Hydro Tech Env. Corp. | SAME | x | SAME | | #130027 3357-3361 3rd Avenue Bronx NY | RUSH-Same Day | | Summary Report | x |
| Address: | 15 Ocean Ave. 2nd Fl | Name: | | Name: | Muslima | | RUSH-Next Day | | QA Report | X |
| | Bklyn , NY 11225 | Company: | | Company: | Hydro Tech Env. Corp. | Purchase Order # | RUSH-Two Day | | CT RCP | |
| Phone.: | 718-636-0800 | Address: | | Address: | 77 Arkay Dr. Suite G | | RUSH-Three Day | | CT RCP DQA/DUE Pkg | |
| Contact: | Paul I. Matli | | | | Hauppauge Ny | 5258 | RUSH-Four Day | | NY ASP A Package | |
| E-mail: | pmatli...hydrotechenvironmental.com | E-mail: | | E-mail | mward...hydrotechenvironmental.c | Samples from CT__NY✓__NJ__ | Standard (5-7day) | 5 days | NY ASP B Package | |
| | | | | | | | | | NJDEP Reduced Deliv | |
| | | | | | | | | | Excel | x |
| | | | | | | | | | NYSDEC EQuIS | X |
| | | | | | | | | | NJDEP SRP HazSite | |
| | | | | | | | | | EQuIS | |
| | | | | | | | | | GIS/KEY (std) | |
| | | | | | | | | | YORK Regulatory Comp Excel compared to: | |
| | | | | | | | | | See Comment below | |
| | | | | | | | | | OTHER: | |

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

Samples Collected/Authorized By (Signature)

Paul I MATLI
Name (printed)

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

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

| Sample Identification | Date+Time Sampled | Matrix | Analysis Requested (List above includes common analysis) | Container Description |
|---|---|---|---|---|
| SP-1 0-2 ft | 2/19/2013 | S | EPA 8260/8270C/8081/8082/TAL Metals (incl.Chromium Hex) | 4 terra core vials + 8 oz jar |
| SP-1 12-14 ft | X | X | X | X |
| SP-2 0-2 ft | X | X | X | X |
| SP-2 8-10 ft | X | X | X | X |
| SP-3 0-2 ft | 2/18/2013 | X | X | X |
| SP-3 8-10 ft | X | X | X | X |
| SP-4 0-2 ft | 2/19/2013 | X | X | X |
| SP-4 8-10 ft | X | X | X | X |
| SP-5 0-2 ft | 2/18/2013 | X | X | X |
| SP-5 8-10 ft | X | X | X | X |

**Comments:**

x = same as before
NYSDEC Part 375 Unrestricted and Restricted Residential
Apply E -designation quote for billing

Soil sample for VOCs collected per EPA 5053

Preservation (check all appliciable): 4°C____ Frozen____ HCl____ MeOH____ $HNO_3$____ $H_2SO_4$____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

| Samples Relinquished By | Date/Time | Samples Received By | Date/Time | Temperature on Receipt |
|---|---|---|---|---|
| Paul I Matli | 2-20-13 9:45 Am | K Barker | 2-20-13 9:45 Am | 3.1 °C |
| Samples Relinquished By | Date/Time | Samples Received in LAB by | Date/Time | |
| | | Grace | 2-20-13 1620 | |

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(203) 325-1371 FAX (203) 357-0166

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**York Project No.** 13B0526

| YOUR Information | | Report to: | | Invoice To: | | Your Project ID | Turn-Around Time | | Report/Deliverable Type | |
|---|---|---|---|---|---|---|---|---|---|---|
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| Phone.: | 718-636-0800 | Address: | | Address: | 77 Arkay Dr. Suite G | | RUSH-Three Day | | CT RCP DQA/DUE Pkg | |
| Contact: | Paul I. Matli | | | | Hauppauge Ny | 5258 | RUSH-Four Day | | NY ASP A Package | |
| E-mail: | pmatli...hydrotechenvironmental.com | E-mail: | | E-mail | mward...hydrotechenvironmental.c | Samples from CT__NY_✓NJ__ | Standard (5-7day) | 5 days | NY ASP B Package | |
| | | | | | | | | | NJDEP Reduced Deliv | |
| | | | | | | | | | Excel | x |
| | | | | | | | | | NYSDEC EQuIS | X |
| | | | | | | | | | NJDEP SRP HazSite | |
| | | | | | | | | | EQuIS | |
| | | | | | | | | | GIS/KEY (std) | |
| | | | | | | | | | YORK Regulatory Comp Excel compared to: | |
| | | | | | | | | | See Comment below | |
| | | | | | | | | | OTHER: | |

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

Samples Collected/Authorized By (Signature)

Name (printed)

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

| Volatiles | | Semi-Vols. | Pest/PCB/Herb | Metals | Misc. Org. | Full Lists |
|---|---|---|---|---|---|---|
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| MTBE | Ketones | PAH list | App. IX | TAGM list | TPH 1664 | Full App. IX |
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| App.IX list | SPLP or TCLP | TCLP BNA | 608 Pest | LIST Below | Methane | NYSDEC Sewer |
| 8021B list | | SPLP or TCLP | 608 PCB | | Helium | TAGM |

| Sample Identification | Date+Time Sampled | Matrix | Analysis Requested (List above includes common analysis) | Container Description |
|---|---|---|---|---|
| SP-6 0-2 ft | 2/18/2013 | S | EPA 8260/8270C/8081/8082/TAL Metals (incl.Chromium Hex) | 4 terra core vials + 8 oz jar |
| SP-6 8-10 ft | X | X | X | X |
| SP-7 0-2 ft | X | X | X | X |
| SP-7 8-10 ft | X | X | X | X |
| Field Blank | X | DI | X | 2x40ml vial,2x250 plastic,-3x1L amber 1x500 ml plastic |
| Trip Blank | 2/19/2013 | X | EPA 8260 | 2x40ml via |

**Comments:**

x = same as before
NYSDEC Part 375 Unrestricted and Restricted Residential
Apply E -designation quote for billing

Soil sample for VOCs collected per EPA 5053

Preservation (check all appliciable): 4°C____ Frozen____ HCl____ MeOH____ $HNO_3$____ $H_2SO_4$____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

| Samples Relinquished By | Date/Time | Samples Received By | Date/Time | Temperature on Receipt |
|---|---|---|---|---|
| Paul I. Matli | 2-20-13 9:45 AM | K Baile | 2-20-13 9:45 AM | 3.1 °C |
| | | Place | 2-20-13 1620 | |
| Samples Relinquished By | Date/Time | Samples Received in LAB by | Date/Time | |

# APPENDIX-H

# LABORATORY DATA DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA

YORK
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**
15 Ocean Avenue
Brooklyn NY, 11225
**Attention: Paul Matli**

Report Date: 02/28/2013
**Client Project ID: #130027 3357-3361 3rd Avenue Bronx NY**
York Project (SDG) No.: 13B0612

CT License No. PH-0723 New Jersey License No. CT-005 NELAP ACCREDITED TNI LABORATORY 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: 02/28/2013
Client Project ID: #130027 3357-3361 3rd Avenue Bronx NY
York Project (SDG) No.: 13B0612

**Hydro Tech Environmental (Brooklyn)**
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 22, 2013 and listed below. The project was identified as your project: **#130027 3357-3361 3rd Avenue Bronx NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 13B0612-01 | MW-1 | Water | 02/21/2013 | 02/22/2013 |
| 13B0612-02 | MW-2 | Water | 02/21/2013 | 02/22/2013 |
| 13B0612-03 | MW-3 | Water | 02/21/2013 | 02/22/2013 |
| 13B0612-04 | Field Blank | Water | 02/21/2013 | 02/22/2013 |
| 13B0612-05 | Trip Blank | Water | 02/21/2013 | 02/22/2013 |

## General Notes for York Project (SDG) No.: 13B0612

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

**Approved By:** **Date:** 02/28/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-1** **York Sample ID:** **13B0612-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 67-64-1 | Acetone | ND | | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-1** **York Sample ID:** **13B0612-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 67-66-3 | Chloroform | **2.2** | J | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-09-2 | Methylene chloride | **2.6** | J, B | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:18 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *97.1 %* | *72.6-129* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** MW-1 **York Sample ID:** 13B0612-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *101 %* | | | *63.5-145* | | | | | | |
| 2037-26-5 | *Surrogate: Toluene-d8* | *97.7 %* | | | *81.2-127* | | | | | | |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/L | 1.86 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/L | 1.83 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 62-53-3 | Aniline | ND | | ug/L | 1.58 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 120-12-7 | Anthracene | ND | | ug/L | 1.25 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/L | 1.38 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/L | 1.37 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/L | 1.48 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/L | 1.53 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/L | 1.80 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/L | 1.93 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/L | 0.897 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/L | 1.40 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/L | 1.99 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/L | 3.14 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/L | 1.86 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/L | 1.58 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/L | 3.15 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/L | 5.03 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/L | 2.32 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/L | 1.88 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/L | 2.58 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 218-01-9 | Chrysene | ND | | ug/L | 1.55 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/L | 1.64 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/L | 2.54 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/L | 2.16 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 2.75 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 2.62 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 2.33 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/L | 1.34 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** MW-1 **York Sample ID:** 13B0612-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/L | 1.99 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/L | 2.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/L | 1.68 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/L | 2.01 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/L | 1.71 | 10.5 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/L | 2.37 | 10.5 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/L | 1.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/L | 1.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/L | 1.18 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/L | 1.31 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 86-73-7 | Fluorene | ND | | ug/L | 1.93 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/L | 1.34 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 2.94 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/L | 2.66 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/L | 3.20 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/L | 1.79 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 78-59-1 | Isophorone | ND | | ug/L | 2.82 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/L | 2.91 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/L | 1.18 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/L | 1.22 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 91-20-3 | Naphthalene | ND | | ug/L | 2.09 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/L | 2.82 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/L | 1.77 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/L | 1.77 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/L | 1.78 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/L | 2.48 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/L | 1.75 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/L | 2.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/L | 0.409 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/L | 5.26 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/L | 1.53 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/L | 1.44 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 108-95-2 | Phenol | ND | | ug/L | 1.16 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 129-00-0 | Pyrene | ND | | ug/L | 1.82 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** MW-1 **York Sample ID:** 13B0612-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 110-86-1 | Pyridine | ND | | ug/L | 4.12 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 2.60 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/L | 1.84 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/L | 2.01 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:07 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *95.5 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *66.0 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *27.5 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *62.7 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *15.9 %* | *10-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *73.4 %* | *30-130* |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/L | 0.00513 | 0.00513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 76-44-8 | Heptachlor | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 72-20-8 | Endrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 60-57-1 | Dieldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 319-86-8 | delta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/L | 0.00410 | 0.00410 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 319-85-7 | beta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 309-00-2 | Aldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:02 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-1** **York Sample ID:** **13B0612-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11097-69-1 | Aroclor 1254 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:12 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *60.4 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *53.0 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **0.708** | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-39-3 | Barium | **0.092** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-70-2 | Calcium | **76.3** | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-50-8 | Copper | **0.006** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7439-89-6 | Iron | **1.08** | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7439-92-1 | Lead | **0.027** | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7439-95-4 | Magnesium | **23.3** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7439-96-5 | Manganese | **0.411** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-02-0 | Nickel | **0.005** | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-09-7 | Potassium | **3.66** | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-23-5 | Sodium | **144** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |
| 7440-66-6 | Zinc | **0.046** | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:15 | MW |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** MW-1 **York Sample ID:** 13B0612-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | ND | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-39-3 | Barium | **0.066** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-70-2 | Calcium | **75.2** | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7439-89-6 | Iron | **0.067** | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7439-95-4 | Magnesium | **22.4** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7439-96-5 | Manganese | **0.237** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-02-0 | Nickel | ND | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-09-7 | Potassium | **3.53** | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-23-5 | Sodium | **144** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |
| 7440-66-6 | Zinc | **0.023** | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:10 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/L | 0.00004 | 0.0002 | 1 | EPA SW846-7470 | 02/27/2013 14:03 | 02/27/2013 14:03 | 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 | 0.00003 | 9000.0002000 | 1 | EPA SW846-7470/EPA 245.1 | 02/27/2013 14:06 | 02/27/2013 14:06 | AA |

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## Sample Information

**Client Sample ID:** MW-1 **York Sample ID:** 13B0612-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

### Chromium, Hexavalent

**Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

### Chromium, Hexavalent-Dissolved

**Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

### Chromium, Trivalent

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

### Chromium, Trivalent-Dissolved

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

## Sample Information

**Client Sample ID:** MW-2 **York Sample ID:** 13B0612-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |

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# Sample Information

**Client Sample ID:** MW-2 **York Sample ID:** 13B0612-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 67-64-1 | Acetone | ND | | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 67-66-3 | Chloroform | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |

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# Sample Information

**Client Sample ID:** MW-2 **York Sample ID:** 13B0612-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-09-2 | Methylene chloride | **2.6** | J, B | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 127-18-4 | Tetrachloroethylene | **1.0** | J | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 02:59 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *99.7 %* | *72.6-129* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *97.0 %* | *63.5-145* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *99.5 %* | *81.2-127* |

## Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/L | 1.86 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/L | 1.83 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 62-53-3 | Aniline | ND | | ug/L | 1.58 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 120-12-7 | Anthracene | ND | | ug/L | 1.25 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/L | 1.38 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/L | 1.37 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/L | 1.48 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/L | 1.53 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/L | 1.80 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |

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# Sample Information

**Client Sample ID:** MW-2 **York Sample ID:** 13B0612-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

**Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/L | 1.93 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/L | 0.897 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/L | 1.40 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/L | 1.99 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/L | 3.14 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/L | 1.86 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/L | 1.58 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/L | 3.15 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/L | 5.03 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/L | 2.32 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/L | 1.88 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/L | 2.58 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 218-01-9 | Chrysene | ND | | ug/L | 1.55 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/L | 1.64 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/L | 2.54 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/L | 2.16 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 2.62 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 2.75 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 2.33 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/L | 1.34 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/L | 1.99 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/L | 2.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/L | 1.68 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/L | 2.01 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/L | 1.71 | 10.5 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/L | 2.37 | 10.5 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/L | 1.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/L | 1.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/L | 1.18 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/L | 1.31 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 86-73-7 | Fluorene | ND | | ug/L | 1.93 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/L | 1.34 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 2.94 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/L | 2.66 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-2** **York Sample ID:** **13B0612-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

**Semi-Volatiles, 8270 Target 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 67-72-1 | Hexachloroethane | ND | | ug/L | 3.20 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/L | 1.79 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 78-59-1 | Isophorone | ND | | ug/L | 2.82 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/L | 2.91 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/L | 1.18 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/L | 1.22 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 91-20-3 | Naphthalene | ND | | ug/L | 2.09 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/L | 2.82 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/L | 1.77 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/L | 1.77 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/L | 1.78 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/L | 2.48 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/L | 1.75 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/L | 2.69 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/L | 0.409 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/L | 5.26 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/L | 1.53 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/L | 1.44 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 108-95-2 | Phenol | ND | | ug/L | 1.16 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 129-00-0 | Pyrene | ND | | ug/L | 1.82 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 110-86-1 | Pyridine | ND | | ug/L | 4.12 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 2.60 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/L | 1.84 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/L | 2.01 | 5.26 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 18:38 | SR |

| | Surrogate Recoveries | Result | | Acceptance Range |
|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *121 %* | *S-04* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *77.9 %* | | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *35.6 %* | | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *80.7 %* | | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *22.6 %* | | *10-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *85.5 %* | | *30-130* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-2** **York Sample ID:** **13B0612-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Pesticides/PCBs, EPA 8081/8082 List

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/L | 0.00513 | 0.00513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 76-44-8 | Heptachlor | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 72-20-8 | Endrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 60-57-1 | Dieldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 319-86-8 | delta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/L | 0.00410 | 0.00410 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 319-85-7 | beta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 309-00-2 | Aldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:46 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:32 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *103 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *71.2 %* | *30-150* |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-2** **York Sample ID:** **13B0612-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **8.68** | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-39-3 | Barium | **0.629** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-41-7 | Beryllium | **0.001** | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-70-2 | Calcium | **400** | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-47-3 | Chromium | **0.052** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-48-4 | Cobalt | **0.059** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-50-8 | Copper | **0.085** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7439-89-6 | Iron | **16.7** | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7439-92-1 | Lead | **0.302** | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7439-95-4 | Magnesium | **117** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7439-96-5 | Manganese | **3.86** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-02-0 | Nickel | **0.052** | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-09-7 | Potassium | **8.79** | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7782-49-2 | Selenium | **0.016** | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-23-5 | Sodium | **93.9** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-62-2 | Vanadium | **0.027** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |
| 7440-66-6 | Zinc | **0.313** | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:24 | MW |

## Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **0.452** | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-39-3 | Barium | **0.101** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-70-2 | Calcium | **112** | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7439-89-6 | Iron | **0.531** | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** MW-2 **York Sample ID:** 13B0612-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7439-95-4 | Magnesium | **36.1** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7439-96-5 | Manganese | **0.798** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-02-0 | Nickel | **0.006** | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-09-7 | Potassium | **5.14** | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-23-5 | Sodium | **89.8** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |
| 7440-66-6 | Zinc | ND | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:20 | MW |

## Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | **0.0009** | | mg/L | 0.00004 | 0.0002 | 1 | EPA SW846-7470 | 02/27/2013 14:03 | 02/27/2013 14:03 | 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 | 0.00003 | 9000.0002 | 000 1 | EPA SW846-7470/EPA 245.1 | 02/27/2013 14:06 | 02/27/2013 14:06 | AA |

## Chromium, Hexavalent

**Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

## Chromium, Hexavalent-Dissolved

**Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

## Chromium, Trivalent

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | **0.0520** | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

## Chromium, Trivalent-Dissolved

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

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## Sample Information

**Client Sample ID:** **MW-2** **York Sample ID:** **13B0612-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

## Sample Information

**Client Sample ID:** **MW-3** **York Sample ID:** **13B0612-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |

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# Sample Information

**Client Sample ID:** MW-3 **York Sample ID:** 13B0612-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | ND | | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 67-66-3 | Chloroform | **1.4** | J | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-09-2 | Methylene chloride | **2.9** | J, B | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 127-18-4 | Tetrachloroethylene | **2.1** | J | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |

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# Sample Information

**Client Sample ID:** **MW-3** **York Sample ID:** **13B0612-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 03:39 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *96.5 %* | *72.6-129* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *97.8 %* | *63.5-145* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *99.5 %* | *81.2-127* |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/L | 1.77 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/L | 1.74 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 62-53-3 | Aniline | ND | | ug/L | 1.50 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 120-12-7 | Anthracene | ND | | ug/L | 1.19 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/L | 1.31 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/L | 1.30 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/L | 1.41 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/L | 1.45 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/L | 1.71 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/L | 1.83 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/L | 0.852 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/L | 1.33 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/L | 1.89 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/L | 2.98 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/L | 1.77 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/L | 1.50 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/L | 2.99 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | **22.2** | | ug/L | 4.78 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/L | 2.20 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/L | 1.79 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/L | 2.45 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |

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# Sample Information

**Client Sample ID:** MW-3 **York Sample ID:** 13B0612-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 218-01-9 | Chrysene | ND | | ug/L | 1.47 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/L | 1.56 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/L | 2.41 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/L | 2.05 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 2.61 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 2.49 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 2.21 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/L | 1.27 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/L | 1.89 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 84-66-2 | Diethyl phthalate | ND | | ug/L | 2.56 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/L | 1.60 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/L | 1.91 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/L | 1.62 | 10.0 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/L | 2.25 | 10.0 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/L | 1.61 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/L | 1.61 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/L | 1.12 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/L | 1.24 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 86-73-7 | Fluorene | ND | | ug/L | 1.83 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/L | 1.27 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 2.79 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/L | 2.53 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/L | 3.04 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/L | 1.70 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 78-59-1 | Isophorone | ND | | ug/L | 2.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/L | 2.76 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/L | 1.12 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/L | 1.16 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.99 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/L | 2.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/L | 1.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/L | 1.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/L | 1.69 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/L | 2.36 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |

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# Sample Information

**Client Sample ID:** MW-3 **York Sample ID:** 13B0612-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100-02-7 | 4-Nitrophenol | ND | | ug/L | 1.66 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/L | 2.56 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/L | 0.389 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/L | 5.00 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/L | 1.45 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/L | 1.37 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 108-95-2 | Phenol | ND | | ug/L | 1.10 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 129-00-0 | Pyrene | ND | | ug/L | 1.73 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 110-86-1 | Pyridine | ND | | ug/L | 3.91 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 2.47 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/L | 1.75 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/L | 1.91 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:08 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *97.2 %* | *15-110* |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *68.5 %* | *30-130* |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *28.9 %* | *15-110* |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *64.3 %* | *30-130* |
| 4165-62-2 | *Surrogate: Phenol-d5* | *17.3 %* | *10-110* |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *77.3 %* | *30-130* |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/L | 0.00513 | 0.00513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 76-44-8 | Heptachlor | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 72-20-8 | Endrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 60-57-1 | Dieldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 319-86-8 | delta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |

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# Sample Information

**Client Sample ID:** **MW-3** **York Sample ID:** **13B0612-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 57-74-9 | Chlordane, total | ND | | ug/L | 0.00410 | 0.00410 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 319-85-7 | beta-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 309-00-2 | Aldrin | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/L | 0.00103 | 0.00103 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 12:01 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 12674-11-2 | Aroclor 1016 | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/L | 0.0513 | 0.0513 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 03:52 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *80.0 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *55.2 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **0.753** | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-39-3 | Barium | **0.067** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-70-2 | Calcium | **120** | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7439-89-6 | Iron | **1.24** | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7439-95-4 | Magnesium | **36.5** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7439-96-5 | Manganese | **0.202** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **MW-3** **York Sample ID:** **13B0612-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7440-02-0 | Nickel | ND | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-09-7 | Potassium | **5.53** | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-23-5 | Sodium | **56.0** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |
| 7440-66-6 | Zinc | **0.024** | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:46 | MW |

## Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | **0.011** | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-39-3 | Barium | **0.059** | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-70-2 | Calcium | **117** | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7439-89-6 | Iron | **0.072** | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7439-95-4 | Magnesium | **35.1** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7439-96-5 | Manganese | **0.142** | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-02-0 | Nickel | ND | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-09-7 | Potassium | **5.48** | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-23-5 | Sodium | **56.1** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |
| 7440-66-6 | Zinc | ND | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:29 | MW |

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## Sample Information

**Client Sample ID:** MW-3 **York Sample ID:** 13B0612-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

### Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/L | 0.00004 | 0.0002 | 1 | EPA SW846-7470 | 02/27/2013 14:03 | 02/27/2013 14:03 | AA |

### Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | ND | | mg/L | 0.000039000 | 0.0002000 | 1 | EPA SW846-7470/EPA 245.1 | 02/27/2013 14:06 | 02/27/2013 14:06 | AA |

### Chromium, Hexavalent

**Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

### Chromium, Hexavalent-Dissolved

**Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

### Chromium, Trivalent

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

### Chromium, Trivalent-Dissolved

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

## Sample Information

**Client Sample ID:** Field Blank **York Sample ID:** 13B0612-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 78-93-3 | 2-Butanone | **1.5** | J | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 67-64-1 | Acetone | **7.0** | J | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 67-66-3 | Chloroform | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-09-2 | Methylene chloride | **3.0** | J, B | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 04:20 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *98.0 %* | *72.6-129* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *98.4 %* | *63.5-145* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *98.0 %* | *81.2-127* |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 83-32-9 | Acenaphthene | ND | | ug/L | 1.77 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/L | 1.74 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 62-53-3 | Aniline | ND | | ug/L | 1.50 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 120-12-7 | Anthracene | ND | | ug/L | 1.19 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/L | 1.31 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/L | 1.30 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/L | 1.41 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 100-51-6 | Benzyl alcohol | ND | | ug/L | 1.45 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/L | 1.71 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/L | 1.83 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 85-68-7 | Benzyl butyl phthalate | ND | | ug/L | 0.852 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 101-55-3 | 4-Bromophenyl phenyl ether | ND | | ug/L | 1.33 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | | ug/L | 1.89 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 106-47-8 | 4-Chloroaniline | ND | | ug/L | 2.98 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 111-91-1 | Bis(2-chloroethoxy)methane | ND | | ug/L | 1.77 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 111-44-4 | Bis(2-chloroethyl)ether | ND | | ug/L | 1.50 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND | | ug/L | 2.99 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND | | ug/L | 4.78 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 91-58-7 | 2-Chloronaphthalene | ND | | ug/L | 2.20 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 95-57-8 | 2-Chlorophenol | ND | | ug/L | 1.79 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | | ug/L | 2.45 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 218-01-9 | Chrysene | ND | | ug/L | 1.47 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/L | 1.56 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/L | 2.41 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 84-74-2 | Di-n-butyl phthalate | ND | | ug/L | 2.05 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 2.49 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 2.61 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 2.21 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | | ug/L | 1.27 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 120-83-2 | 2,4-Dichlorophenol | ND | | ug/L | 1.89 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 84-66-2 | Diethyl phthalate | **3.21** | J | ug/L | 2.56 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 105-67-9 | 2,4-Dimethylphenol | ND | | ug/L | 1.60 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 131-11-3 | Dimethyl phthalate | ND | | ug/L | 1.91 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | | ug/L | 1.62 | 10.0 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | ND | | ug/L | 2.25 | 10.0 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 606-20-2 | 2,6-Dinitrotoluene | ND | | ug/L | 1.61 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 121-14-2 | 2,4-Dinitrotoluene | ND | | ug/L | 1.61 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 117-84-0 | Di-n-octyl phthalate | ND | | ug/L | 1.12 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 206-44-0 | Fluoranthene | ND | | ug/L | 1.24 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 86-73-7 | Fluorene | ND | | ug/L | 1.83 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/L | 1.27 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 2.79 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 77-47-4 | Hexachlorocyclopentadiene | ND | | ug/L | 2.53 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 67-72-1 | Hexachloroethane | ND | | ug/L | 3.04 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/L | 1.70 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 78-59-1 | Isophorone | ND | | ug/L | 2.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 91-57-6 | 2-Methylnaphthalene | ND | | ug/L | 2.76 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 100-01-6 | 3- & 4-Methylphenols | ND | | ug/L | 1.12 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 95-48-7 | 2-Methylphenol | ND | | ug/L | 1.16 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.99 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 100-01-6 | 4-Nitroaniline | ND | | ug/L | 2.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 99-09-2 | 3-Nitroaniline | ND | | ug/L | 1.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 88-74-4 | 2-Nitroaniline | ND | | ug/L | 1.68 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 98-95-3 | Nitrobenzene | ND | | ug/L | 1.69 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 88-75-5 | 2-Nitrophenol | ND | | ug/L | 2.36 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 100-02-7 | 4-Nitrophenol | ND | | ug/L | 1.66 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 621-64-7 | N-nitroso-di-n-propylamine | ND | | ug/L | 2.56 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 62-75-9 | N-Nitrosodimethylamine | ND | | ug/L | 0.389 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 86-30-6 | N-Nitrosodiphenylamine | ND | | ug/L | 5.00 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 87-86-5 | Pentachlorophenol | ND | | ug/L | 1.45 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 85-01-8 | Phenanthrene | ND | | ug/L | 1.37 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 108-95-2 | Phenol | **1.43** | J | ug/L | 1.10 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 129-00-0 | Pyrene | ND | | ug/L | 1.73 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 110-86-1 | Pyridine | ND | | ug/L | 3.91 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 2.47 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | | ug/L | 1.75 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | | ug/L | 1.91 | 5.00 | 1 | EPA 8270C/625 | 02/26/2013 07:38 | 02/26/2013 19:39 | SR |

| Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5175-83-7 | *Surrogate: 2,4,6-Tribromophenol* | *113 %* | *S-04* | | *15-110* | | | | | | |
| 321-60-8 | *Surrogate: 2-Fluorobiphenyl* | *73.2 %* | | | *30-130* | | | | | | |
| 367-12-4 | *Surrogate: 2-Fluorophenol* | *33.6 %* | | | *15-110* | | | | | | |
| 4165-60-0 | *Surrogate: Nitrobenzene-d5* | *75.1 %* | | | *30-130* | | | | | | |
| 4165-62-2 | *Surrogate: Phenol-d5* | *20.9 %* | | | *10-110* | | | | | | |
| 1718-51-0 | *Surrogate: Terphenyl-d14* | *87.4 %* | | | *30-130* | | | | | | |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8001-35-2 | Toxaphene | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 72-43-5 | Methoxychlor | ND | | ug/L | 0.00526 | 0.00526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 1024-57-3 | Heptachlor epoxide | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 76-44-8 | Heptachlor | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 53494-70-5 | Endrin ketone | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 7421-93-4 | Endrin aldehyde | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 72-20-8 | Endrin | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 33213-65-9 | Endosulfan II | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 959-98-8 | Endosulfan I | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 60-57-1 | Dieldrin | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 319-86-8 | delta-BHC | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 57-74-9 | Chlordane, total | ND | | ug/L | 0.00421 | 0.00421 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 319-85-7 | beta-BHC | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 319-84-6 | alpha-BHC | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 309-00-2 | Aldrin | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 50-29-3 | 4,4'-DDT | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 72-55-9 | 4,4'-DDE | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 72-54-8 | 4,4'-DDD | ND | | ug/L | 0.00105 | 0.00105 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/27/2013 11:17 | JW |
| 11096-82-5 | Aroclor 1260 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |
| 11097-69-1 | Aroclor 1254 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |
| 12672-29-6 | Aroclor 1248 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |
| 53469-21-9 | Aroclor 1242 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |
| 11141-16-5 | Aroclor 1232 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |
| 11104-28-2 | Aroclor 1221 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |
| 1336-36-3 | Total PCBs | ND | | ug/L | 0.0526 | 0.0526 | 1 | EPA SW 846-8081/8082 | 02/25/2013 10:42 | 02/28/2013 04:11 | JW |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *67.3 %* | *30-150* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *63.2 %* | *30-150* |

## Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | ND | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-39-3 | Barium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-70-2 | Calcium | ND | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7439-89-6 | Iron | ND | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7439-95-4 | Magnesium | ND | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7439-96-5 | Manganese | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-02-0 | Nickel | ND | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-09-7 | Potassium | ND | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-23-5 | Sodium | ND | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |
| 7440-66-6 | Zinc | ND | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:56 | MW |

## Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | ND | | mg/L | 0.010 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |

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# Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7440-36-0 | Antimony | ND | | mg/L | 0.003 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-38-2 | Arsenic | ND | | mg/L | 0.004 | 0.004 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-39-3 | Barium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-41-7 | Beryllium | ND | | mg/L | 0.001 | 0.001 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-43-9 | Cadmium | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-70-2 | Calcium | ND | | mg/L | 0.019 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-47-3 | Chromium | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-48-4 | Cobalt | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-50-8 | Copper | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7439-89-6 | Iron | ND | | mg/L | 0.010 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7439-92-1 | Lead | ND | | mg/L | 0.002 | 0.003 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7439-95-4 | Magnesium | **0.059** | | mg/L | 0.010 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7439-96-5 | Manganese | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-02-0 | Nickel | ND | | mg/L | 0.001 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-09-7 | Potassium | ND | | mg/L | 0.026 | 0.050 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7782-49-2 | Selenium | ND | | mg/L | 0.007 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-22-4 | Silver | ND | | mg/L | 0.002 | 0.005 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-23-5 | Sodium | **0.112** | | mg/L | 0.061 | 0.100 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-28-0 | Thallium | ND | | mg/L | 0.003 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-62-2 | Vanadium | ND | | mg/L | 0.002 | 0.010 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | MW |
| 7440-66-6 | Zinc | ND | | mg/L | 0.002 | 0.020 | 1 | EPA SW846-6010B/EPA 200.7 | 02/25/2013 16:54 | 02/25/2013 22:51 | 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 | 02/27/2013 14:03 | 02/27/2013 14:03 | 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 | 0.00003 | 9000.0002000 | 1 | EPA SW846-7470/EPA 245.1 | 02/27/2013 14:06 | 02/27/2013 14:06 | AA |

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## Sample Information

**Client Sample ID:** **Field Blank** **York Sample ID:** **13B0612-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

### Chromium, Hexavalent

**Log-in Notes:** **Sample Notes:** **HT-02**

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

### Chromium, Hexavalent-Dissolved

**Log-in Notes:** **Sample Notes:** **HT-02**

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/L | 0.00600 | 0.0100 | 1 | SW846-7196A | 02/22/2013 16:30 | 02/22/2013 16:30 | AMC |

### Chromium, Trivalent

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

### Chromium, Trivalent-Dissolved

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

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

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | Chromium, Trivalent | ND | | mg/L | 0.00800 | 0.0100 | 1 | Calculation | 02/27/2013 09:21 | 02/27/2013 09:21 | AMC |

## Sample Information

**Client Sample ID:** **Trip Blank** **York Sample ID:** **13B0612-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

### Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | | ug/L | 0.32 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 76-13-1 | ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/L | 1.3 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 563-58-6 | 1,1-Dichloropropylene | ND | | ug/L | 0.26 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | | ug/L | 0.99 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 96-18-4 | 1,2,3-Trichloropropane | ND | | ug/L | 0.73 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/L | 0.91 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |

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# Sample Information

**Client Sample ID:** **Trip Blank** **York Sample ID:** **13B0612-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | | ug/L | 0.98 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/L | 0.44 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/L | 0.40 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/L | 0.36 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/L | 0.23 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/L | 0.48 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/L | 0.47 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 142-28-9 | 1,3-Dichloropropane | ND | | ug/L | 0.55 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/L | 0.62 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 594-20-7 | 2,2-Dichloropropane | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 78-93-3 | 2-Butanone | ND | | ug/L | 1.5 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 95-49-8 | 2-Chlorotoluene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 106-43-4 | 4-Chlorotoluene | ND | | ug/L | 0.31 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 67-64-1 | Acetone | **8.3** | J | ug/L | 6.1 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 71-43-2 | Benzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 108-86-1 | Bromobenzene | ND | | ug/L | 1.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 74-97-5 | Bromochloromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-27-4 | Bromodichloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-25-2 | Bromoform | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 74-83-9 | Bromomethane | ND | | ug/L | 2.0 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 56-23-5 | Carbon tetrachloride | ND | | ug/L | 0.56 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 108-90-7 | Chlorobenzene | ND | | ug/L | 0.38 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-00-3 | Chloroethane | ND | | ug/L | 2.8 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 67-66-3 | Chloroform | ND | | ug/L | 0.42 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 74-87-3 | Chloromethane | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/L | 0.43 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 124-48-1 | Dibromochloromethane | ND | | ug/L | 0.39 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 74-95-3 | Dibromomethane | ND | | ug/L | 0.58 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/L | 0.35 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 100-41-4 | Ethyl Benzene | ND | | ug/L | 0.25 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 98-82-8 | Isopropylbenzene | ND | | ug/L | 0.63 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/L | 0.53 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **Trip Blank** **York Sample ID:** **13B0612-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0612 | #130027 3357-3361 3rd Avenue Bronx NY | Water | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-09-2 | Methylene chloride | **2.8** | J, B | ug/L | 2.4 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 91-20-3 | Naphthalene | ND | | ug/L | 1.2 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 104-51-8 | n-Butylbenzene | ND | | ug/L | 0.30 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 103-65-1 | n-Propylbenzene | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 95-47-6 | o-Xylene | ND | | ug/L | 0.21 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 1330-20-7P/M | p- & m- Xylenes | ND | | ug/L | 0.53 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 99-87-6 | p-Isopropyltoluene | ND | | ug/L | 0.34 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 135-98-8 | sec-Butylbenzene | ND | | ug/L | 0.59 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 100-42-5 | Styrene | ND | | ug/L | 0.22 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 98-06-6 | tert-Butylbenzene | ND | | ug/L | 1.4 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 127-18-4 | Tetrachloroethylene | ND | | ug/L | 0.41 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 108-88-3 | Toluene | ND | | ug/L | 0.17 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/L | 0.52 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/L | 0.67 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 79-01-6 | Trichloroethylene | ND | | ug/L | 0.16 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-69-4 | Trichlorofluoromethane | ND | | ug/L | 0.54 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 75-01-4 | Vinyl Chloride | ND | | ug/L | 0.68 | 5.0 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 1330-20-7 | Xylenes, Total | ND | | ug/L | 0.55 | 15 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |
| 108-05-4 | Vinyl acetate | ND | | ug/L | 0.73 | 10 | 1 | EPA SW846-8260B | 02/26/2013 12:27 | 02/27/2013 05:00 | SS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: 1,2-Dichloroethane-d4* | *97.9 %* | *72.6-129* |
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *98.1 %* | *63.5-145* |
| 2037-26-5 | *Surrogate: Toluene-d8* | *97.9 %* | *81.2-127* |

YORK
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# Analytical Batch Summary

**Batch ID:** BB30734 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/25/13 |
| 13B0612-02 | MW-2 | 02/25/13 |
| 13B0612-03 | MW-3 | 02/25/13 |
| 13B0612-04 | Field Blank | 02/25/13 |
| BB30734-BLK1 | Blank | 02/25/13 |
| BB30734-BS1 | LCS | 02/25/13 |
| BB30734-BS2 | LCS | 02/25/13 |
| BB30734-BSD1 | LCS Dup | 02/25/13 |
| BB30734-BSD2 | LCS Dup | 02/25/13 |

**Batch ID:** BB30786 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/22/13 |
| 13B0612-02 | MW-2 | 02/22/13 |
| 13B0612-03 | MW-3 | 02/22/13 |
| 13B0612-04 | Field Blank | 02/22/13 |
| BB30786-BLK1 | Blank | 02/22/13 |
| BB30786-BS1 | LCS | 02/22/13 |
| BB30786-DUP1 | Duplicate | 02/22/13 |
| BB30786-MS1 | Matrix Spike | 02/22/13 |

**Batch ID:** BB30787 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/22/13 |
| 13B0612-02 | MW-2 | 02/22/13 |
| 13B0612-03 | MW-3 | 02/22/13 |
| 13B0612-04 | Field Blank | 02/22/13 |
| BB30787-BLK1 | Blank | 02/22/13 |
| BB30787-BS1 | LCS | 02/22/13 |
| BB30787-DUP1 | Duplicate | 02/22/13 |
| BB30787-MS1 | Matrix Spike | 02/22/13 |

**Batch ID:** BB30789 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/27/13 |
| 13B0612-02 | MW-2 | 02/27/13 |
| 13B0612-03 | MW-3 | 02/27/13 |
| 13B0612-04 | Field Blank | 02/27/13 |

**Batch ID:** BB30800 **Preparation Method:** EPA 3010A **Prepared By:** MW

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/25/13 |

| | | |
|---|---|---|
| 13B0612-02 | MW-2 | 02/25/13 |
| 13B0612-03 | MW-3 | 02/25/13 |
| 13B0612-04 | Field Blank | 02/25/13 |
| BB30800-BLK1 | Blank | 02/25/13 |
| BB30800-SRM1 | Reference | 02/25/13 |
| BB30800-SRM2 | Reference | 02/25/13 |

**Batch ID:** BB30811 **Preparation Method:** EPA 3510C **Prepared By:** KAM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/26/13 |
| 13B0612-02 | MW-2 | 02/26/13 |
| 13B0612-03 | MW-3 | 02/26/13 |
| 13B0612-04 | Field Blank | 02/26/13 |
| BB30811-BLK1 | Blank | 02/26/13 |
| BB30811-BLK2 | Blank | 02/26/13 |
| BB30811-BS1 | LCS | 02/26/13 |
| BB30811-BSD1 | LCS Dup | 02/26/13 |

**Batch ID:** BB30823 **Preparation Method:** EPA 5030B **Prepared By:** KH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/26/13 |
| 13B0612-02 | MW-2 | 02/26/13 |
| 13B0612-03 | MW-3 | 02/26/13 |
| 13B0612-04 | Field Blank | 02/26/13 |
| 13B0612-05 | Trip Blank | 02/26/13 |
| BB30823-BLK1 | Blank | 02/26/13 |
| BB30823-BS1 | LCS | 02/26/13 |
| BB30823-BSD1 | LCS Dup | 02/26/13 |

**Batch ID:** BB30831 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/27/13 |
| 13B0612-02 | MW-2 | 02/27/13 |
| 13B0612-03 | MW-3 | 02/27/13 |
| 13B0612-04 | Field Blank | 02/27/13 |
| BB30831-BLK1 | Blank | 02/27/13 |
| BB30831-BS1 | LCS | 02/27/13 |
| BB30831-BS2 | LCS | 02/27/13 |

**Batch ID:** BB30832 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0612-01 | MW-1 | 02/27/13 |
| 13B0612-02 | MW-2 | 02/27/13 |
| 13B0612-03 | MW-3 | 02/27/13 |
| 13B0612-04 | Field Blank | 02/27/13 |
| BB30832-BLK1 | Blank | 02/27/13 |
| BB30832-BS1 | LCS | 02/27/13 |
| BB30832-DUP1 | Duplicate | 02/27/13 |

BB30832-MS1 Matrix Spike 02/27/13

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30823 - EPA 5030B** | | | | | | | | | | | |
| **Blank (BB30823-BLK1)** | | | | | | | | | | | Prepared: 02/26/2013 Analyzed: 02/27/2013 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/L | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 5.0 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| 1,1-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 10 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | | | | | | | |
| 2,2-Dichloropropane | ND | 5.0 | " | | | | | | | | |
| 2-Butanone | ND | 10 | " | | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | " | | | | | | | | |
| Acetone | ND | 10 | " | | | | | | | | |
| Benzene | ND | 5.0 | " | | | | | | | | |
| Bromobenzene | ND | 5.0 | " | | | | | | | | |
| Bromochloromethane | ND | 5.0 | " | | | | | | | | |
| Bromodichloromethane | ND | 5.0 | " | | | | | | | | |
| Bromoform | ND | 5.0 | " | | | | | | | | |
| Bromomethane | ND | 5.0 | " | | | | | | | | |
| Carbon tetrachloride | ND | 5.0 | " | | | | | | | | |
| Chlorobenzene | ND | 5.0 | " | | | | | | | | |
| Chloroethane | ND | 5.0 | " | | | | | | | | |
| Chloroform | ND | 5.0 | " | | | | | | | | |
| Chloromethane | ND | 5.0 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Dibromochloromethane | ND | 5.0 | " | | | | | | | | |
| Dibromomethane | ND | 5.0 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | " | | | | | | | | |
| Ethyl Benzene | ND | 5.0 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.0 | " | | | | | | | | |
| Isopropylbenzene | ND | 5.0 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | " | | | | | | | | |
| Methylene chloride | 4.5 | 10 | " | | | | | | | | |
| Naphthalene | ND | 10 | " | | | | | | | | |
| n-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| n-Propylbenzene | ND | 5.0 | " | | | | | | | | |
| o-Xylene | ND | 5.0 | " | | | | | | | | |
| p- & m- Xylenes | ND | 10 | " | | | | | | | | |
| p-Isopropyltoluene | ND | 5.0 | " | | | | | | | | |
| sec-Butylbenzene | ND | 5.0 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30823 - EPA 5030B** | | | | | | | | | | | |
| **Blank (BB30823-BLK1)** | | | | | | | | Prepared: 02/26/2013 Analyzed: 02/27/2013 | | | |
| Styrene | ND | 5.0 | ug/L | | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | " | | | | | | | | |
| Tetrachloroethylene | ND | 5.0 | " | | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 5.0 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 5.0 | " | | | | | | | | |
| Trichloroethylene | ND | 5.0 | " | | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | " | | | | | | | | |
| Vinyl Chloride | ND | 5.0 | " | | | | | | | | |
| Xylenes, Total | ND | 15 | " | | | | | | | | |
| Vinyl acetate | ND | 10 | " | | | | | | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *50.0* | | *"* | *50.0* | | *100* | *72.6-129* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *48.3* | | *"* | *50.0* | | *96.7* | *63.5-145* | | | | |
| *Surrogate: Toluene-d8* | *49.2* | | *"* | *50.0* | | *98.5* | *81.2-127* | | | | |
| **LCS (BB30823-BS1)** | | | | | | | | Prepared: 02/26/2013 Analyzed: 02/27/2013 | | | |
| 1,1,1,2-Tetrachloroethane | 46 | | ug/L | 50.0 | | 91.5 | 82.3-130 | | | | |
| 1,1,1-Trichloroethane | 47 | | " | 50.0 | | 95.0 | 75.6-137 | | | | |
| 1,1,2,2-Tetrachloroethane | 43 | | " | 50.0 | | 86.4 | 71.3-131 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 45 | | " | 50.0 | | 89.8 | 71.1-129 | | | | |
| 1,1,2-Trichloroethane | 45 | | " | 50.0 | | 90.6 | 74.5-129 | | | | |
| 1,1-Dichloroethane | 48 | | " | 50.0 | | 96.1 | 79.6-132 | | | | |
| 1,1-Dichloroethylene | 40 | | " | 50.0 | | 80.7 | 80.2-146 | | | | |
| 1,1-Dichloropropylene | 45 | | " | 50.0 | | 90.9 | 75-136 | | | | |
| 1,2,3-Trichlorobenzene | 46 | | " | 50.0 | | 92.6 | 66.1-136 | | | | |
| 1,2,3-Trichloropropane | 44 | | " | 50.0 | | 87.7 | 63-131 | | | | |
| 1,2,4-Trichlorobenzene | 46 | | " | 50.0 | | 91.3 | 70.6-136 | | | | |
| 1,2,4-Trimethylbenzene | 44 | | " | 50.0 | | 88.5 | 75.3-135 | | | | |
| 1,2-Dibromo-3-chloropropane | 45 | | " | 50.0 | | 89.5 | 58.9-140 | | | | |
| 1,2-Dibromoethane | 47 | | " | 50.0 | | 93.5 | 79-130 | | | | |
| 1,2-Dichlorobenzene | 44 | | " | 50.0 | | 88.7 | 76.1-122 | | | | |
| 1,2-Dichloroethane | 47 | | " | 50.0 | | 93.2 | 74.6-132 | | | | |
| 1,2-Dichloropropane | 47 | | " | 50.0 | | 94.7 | 76.9-129 | | | | |
| 1,3,5-Trimethylbenzene | 45 | | " | 50.0 | | 90.1 | 70.6-127 | | | | |
| 1,3-Dichlorobenzene | 44 | | " | 50.0 | | 88.0 | 77-124 | | | | |
| 1,3-Dichloropropane | 46 | | " | 50.0 | | 91.7 | 75.8-126 | | | | |
| 1,4-Dichlorobenzene | 44 | | " | 50.0 | | 87.9 | 76.6-125 | | | | |
| 2,2-Dichloropropane | 45 | | " | 50.0 | | 89.9 | 69-133 | | | | |
| 2-Butanone | 42 | | " | 50.0 | | 83.6 | 70-130 | | | | |
| 2-Chlorotoluene | 43 | | " | 50.0 | | 86.3 | 66.3-119 | | | | |
| 4-Chlorotoluene | 45 | | " | 50.0 | | 90.2 | 69.2-127 | | | | |
| Acetone | 25 | | " | 50.0 | | 50.9 | 70-130 | Low Bias | | | |
| Benzene | 48 | | " | 50.0 | | 95.9 | 76.2-129 | | | | |
| Bromobenzene | 44 | | " | 50.0 | | 88.5 | 71.3-123 | | | | |
| Bromochloromethane | 47 | | " | 50.0 | | 94.3 | 70.8-137 | | | | |
| Bromodichloromethane | 47 | | " | 50.0 | | 93.7 | 79.7-134 | | | | |
| Bromoform | 46 | | " | 50.0 | | 91.4 | 70.5-141 | | | | |
| Bromomethane | 39 | | " | 50.0 | | 78.0 | 43.9-147 | | | | |
| Carbon tetrachloride | 48 | | " | 50.0 | | 97.0 | 78.1-138 | | | | |
| Chlorobenzene | 46 | | " | 50.0 | | 91.2 | 80.4-125 | | | | |
| Chloroethane | 38 | | " | 50.0 | | 75.9 | 55.8-140 | | | | |
| Chloroform | 48 | | " | 50.0 | | 95.1 | 76.6-133 | | | | |
| Chloromethane | 41 | | " | 50.0 | | 82.6 | 48.8-115 | | | | |
| cis-1,2-Dichloroethylene | 47 | | " | 50.0 | | 94.2 | 75.1-128 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30823 - EPA 5030B** | | | | | | | | | | | |
| **LCS (BB30823-BS1)** | | | | | | | | Prepared: 02/26/2013 Analyzed: 02/27/2013 | | | |
| cis-1,3-Dichloropropylene | 47 | | ug/L | 50.0 | | 93.1 | 74.5-128 | | | | |
| Dibromochloromethane | 47 | | " | 50.0 | | 94.0 | 79.8-134 | | | | |
| Dibromomethane | 48 | | " | 50.0 | | 95.8 | 79-130 | | | | |
| Dichlorodifluoromethane | 32 | | " | 50.0 | | 63.8 | 47.1-101 | | | | |
| Ethyl Benzene | 48 | | " | 50.0 | | 95.5 | 80.8-128 | | | | |
| Hexachlorobutadiene | 47 | | " | 50.0 | | 94.7 | 64.8-128 | | | | |
| Isopropylbenzene | 44 | | " | 50.0 | | 88.4 | 75.5-135 | | | | |
| Methyl tert-butyl ether (MTBE) | 40 | | " | 50.0 | | 79.6 | 65.1-140 | | | | |
| Methylene chloride | 34 | | " | 50.0 | | 67.9 | 61.3-120 | | | | |
| Naphthalene | 48 | | " | 50.0 | | 96.7 | 62.3-148 | | | | |
| n-Butylbenzene | 46 | | " | 50.0 | | 91.5 | 67.2-123 | | | | |
| n-Propylbenzene | 45 | | " | 50.0 | | 89.0 | 70.5-127 | | | | |
| o-Xylene | 46 | | " | 50.0 | | 91.2 | 75.9-122 | | | | |
| p- & m- Xylenes | 94 | | " | 100 | | 93.9 | 77.7-127 | | | | |
| p-Isopropyltoluene | 45 | | " | 50.0 | | 90.6 | 75.6-129 | | | | |
| sec-Butylbenzene | 45 | | " | 50.0 | | 90.5 | 71.5-125 | | | | |
| Styrene | 47 | | " | 50.0 | | 94.6 | 77.8-123 | | | | |
| tert-Butylbenzene | 39 | | " | 50.0 | | 77.3 | 75.9-151 | | | | |
| Tetrachloroethylene | 57 | | " | 50.0 | | 114 | 63.6-167 | | | | |
| Toluene | 47 | | " | 50.0 | | 93.3 | 77-123 | | | | |
| trans-1,2-Dichloroethylene | 46 | | " | 50.0 | | 91.9 | 76.3-139 | | | | |
| trans-1,3-Dichloropropylene | 46 | | " | 50.0 | | 93.0 | 72.5-137 | | | | |
| Trichloroethylene | 47 | | " | 50.0 | | 94.3 | 77.9-130 | | | | |
| Trichlorofluoromethane | 44 | | " | 50.0 | | 88.2 | 57.4-133 | | | | |
| Vinyl Chloride | 39 | | " | 50.0 | | 78.5 | 54.9-124 | | | | |
| Vinyl acetate | 22 | | " | 50.0 | | 44.8 | 70-130 | Low Bias | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *47.1* | | *"* | *50.0* | | *94.2* | *72.6-129* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *48.8* | | *"* | *50.0* | | *97.6* | *63.5-145* | | | | |
| *Surrogate: Toluene-d8* | *49.4* | | *"* | *50.0* | | *98.7* | *81.2-127* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

### Batch BB30823 - EPA 5030B

**LCS Dup (BB30823-BSD1)** Prepared: 02/26/2013 Analyzed: 02/27/2013

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 46 | | ug/L | 50.0 | | 92.1 | 82.3-130 | | 0.632 | 21.1 | |
| 1,1,1-Trichloroethane | 49 | | " | 50.0 | | 98.8 | 75.6-137 | | 3.94 | 19.7 | |
| 1,1,2,2-Tetrachloroethane | 45 | | " | 50.0 | | 90.2 | 71.3-131 | | 4.35 | 20.8 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 49 | | " | 50.0 | | 97.6 | 71.1-129 | | 8.28 | 21.7 | |
| 1,1,2-Trichloroethane | 46 | | " | 50.0 | | 91.4 | 74.5-129 | | 0.857 | 20.3 | |
| 1,1-Dichloroethane | 48 | | " | 50.0 | | 96.5 | 79.6-132 | | 0.416 | 20.6 | |
| 1,1-Dichloroethylene | 44 | | " | 50.0 | | 88.9 | 80.2-146 | | 9.62 | 20 | |
| 1,1-Dichloropropylene | 46 | | " | 50.0 | | 91.5 | 75-136 | | 0.680 | 19.3 | |
| 1,2,3-Trichlorobenzene | 45 | | " | 50.0 | | 90.0 | 66.1-136 | | 2.85 | 21.6 | |
| 1,2,3-Trichloropropane | 44 | | " | 50.0 | | 87.4 | 63-131 | | 0.320 | 23.9 | |
| 1,2,4-Trichlorobenzene | 44 | | " | 50.0 | | 88.1 | 70.6-136 | | 3.59 | 21.7 | |
| 1,2,4-Trimethylbenzene | 44 | | " | 50.0 | | 87.3 | 75.3-135 | | 1.30 | 18.8 | |
| 1,2-Dibromo-3-chloropropane | 48 | | " | 50.0 | | 95.9 | 58.9-140 | | 6.99 | 27.7 | |
| 1,2-Dibromoethane | 46 | | " | 50.0 | | 91.1 | 79-130 | | 2.51 | 23 | |
| 1,2-Dichlorobenzene | 44 | | " | 50.0 | | 87.6 | 76.1-122 | | 1.25 | 19.8 | |
| 1,2-Dichloroethane | 48 | | " | 50.0 | | 95.5 | 74.6-132 | | 2.44 | 20.2 | |
| 1,2-Dichloropropane | 47 | | " | 50.0 | | 94.1 | 76.9-129 | | 0.678 | 20.7 | |
| 1,3,5-Trimethylbenzene | 45 | | " | 50.0 | | 89.5 | 70.6-127 | | 0.579 | 18.9 | |
| 1,3-Dichlorobenzene | 44 | | " | 50.0 | | 87.4 | 77-124 | | 0.752 | 19.2 | |
| 1,3-Dichloropropane | 45 | | " | 50.0 | | 90.6 | 75.8-126 | | 1.21 | 22.1 | |
| 1,4-Dichlorobenzene | 44 | | " | 50.0 | | 87.1 | 76.6-125 | | 0.915 | 18.6 | |
| 2,2-Dichloropropane | 46 | | " | 50.0 | | 92.1 | 69-133 | | 2.40 | 19.8 | |
| 2-Butanone | 43 | | " | 50.0 | | 85.5 | 70-130 | | 2.25 | 30 | |
| 2-Chlorotoluene | 42 | | " | 50.0 | | 84.9 | 66.3-119 | | 1.59 | 21.6 | |
| 4-Chlorotoluene | 44 | | " | 50.0 | | 88.1 | 69.2-127 | | 2.36 | 19 | |
| Acetone | 30 | | " | 50.0 | | 59.4 | 70-130 | Low Bias | 15.3 | 30 | |
| Benzene | 49 | | " | 50.0 | | 97.5 | 76.2-129 | | 1.67 | 19 | |
| Bromobenzene | 45 | | " | 50.0 | | 89.1 | 71.3-123 | | 0.698 | 20.3 | |
| Bromochloromethane | 47 | | " | 50.0 | | 94.3 | 70.8-137 | | 0.0212 | 23.9 | |
| Bromodichloromethane | 47 | | " | 50.0 | | 94.0 | 79.7-134 | | 0.298 | 21 | |
| Bromoform | 47 | | " | 50.0 | | 94.5 | 70.5-141 | | 3.29 | 21.8 | |
| Bromomethane | 39 | | " | 50.0 | | 78.1 | 43.9-147 | | 0.154 | 28.4 | |
| Carbon tetrachloride | 49 | | " | 50.0 | | 98.6 | 78.1-138 | | 1.64 | 20.1 | |
| Chlorobenzene | 45 | | " | 50.0 | | 89.9 | 80.4-125 | | 1.48 | 19.9 | |
| Chloroethane | 38 | | " | 50.0 | | 75.7 | 55.8-140 | | 0.238 | 23.3 | |
| Chloroform | 48 | | " | 50.0 | | 96.9 | 76.6-133 | | 1.83 | 20.3 | |
| Chloromethane | 41 | | " | 50.0 | | 82.3 | 48.8-115 | | 0.388 | 24.5 | |
| cis-1,2-Dichloroethylene | 48 | | " | 50.0 | | 95.4 | 75.1-128 | | 1.31 | 20.5 | |
| cis-1,3-Dichloropropylene | 47 | | " | 50.0 | | 93.1 | 74.5-128 | | 0.0859 | 19.9 | |
| Dibromochloromethane | 48 | | " | 50.0 | | 95.1 | 79.8-134 | | 1.21 | 21.3 | |
| Dibromomethane | 47 | | " | 50.0 | | 94.4 | 79-130 | | 1.47 | 22.4 | |
| Dichlorodifluoromethane | 31 | | " | 50.0 | | 62.7 | 47.1-101 | | 1.74 | 23.9 | |
| Ethyl Benzene | 47 | | " | 50.0 | | 93.3 | 80.8-128 | | 2.37 | 19.2 | |
| Hexachlorobutadiene | 46 | | " | 50.0 | | 92.8 | 64.8-128 | | 2.05 | 20.6 | |
| Isopropylbenzene | 44 | | " | 50.0 | | 88.1 | 75.5-135 | | 0.317 | 20 | |
| Methyl tert-butyl ether (MTBE) | 41 | | " | 50.0 | | 82.6 | 65.1-140 | | 3.67 | 23.6 | |
| Methylene chloride | 34 | | " | 50.0 | | 67.5 | 61.3-120 | | 0.561 | 20.4 | |
| Naphthalene | 48 | | " | 50.0 | | 96.8 | 62.3-148 | | 0.0620 | 27.1 | |
| n-Butylbenzene | 45 | | " | 50.0 | | 89.4 | 67.2-123 | | 2.30 | 19.1 | |
| n-Propylbenzene | 44 | | " | 50.0 | | 88.8 | 70.5-127 | | 0.247 | 23.4 | |
| o-Xylene | 45 | | " | 50.0 | | 89.2 | 75.9-122 | | 2.22 | 19.3 | |
| p- & m- Xylenes | 93 | | " | 100 | | 93.2 | 77.7-127 | | 0.705 | 18.6 | |
| p-Isopropyltoluene | 45 | | " | 50.0 | | 89.6 | 75.6-129 | | 1.13 | 19.1 | |
| sec-Butylbenzene | 46 | | " | 50.0 | | 91.3 | 71.5-125 | | 0.836 | 18.9 | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30823 - EPA 5030B** | | | | | | | | | | | |
| **LCS Dup (BB30823-BSD1)** | | | | | | | | Prepared: 02/26/2013 Analyzed: 02/27/2013 | | | |
| Styrene | 46 | | ug/L | 50.0 | | 92.2 | 77.8-123 | | 2.55 | 20.9 | |
| tert-Butylbenzene | 44 | | " | 50.0 | | 88.4 | 75.9-151 | | 13.3 | 20.9 | |
| Tetrachloroethylene | 51 | | " | 50.0 | | 101 | 63.6-167 | | 11.9 | 27.7 | |
| Toluene | 46 | | " | 50.0 | | 91.8 | 77-123 | | 1.56 | 18.7 | |
| trans-1,2-Dichloroethylene | 47 | | " | 50.0 | | 93.5 | 76.3-139 | | 1.75 | 19.5 | |
| trans-1,3-Dichloropropylene | 46 | | " | 50.0 | | 91.2 | 72.5-137 | | 1.96 | 19.3 | |
| Trichloroethylene | 47 | | " | 50.0 | | 93.4 | 77.9-130 | | 0.938 | 20.5 | |
| Trichlorofluoromethane | 43 | | " | 50.0 | | 85.1 | 57.4-133 | | 3.62 | 21.4 | |
| Vinyl Chloride | 39 | | " | 50.0 | | 78.7 | 54.9-124 | | 0.204 | 22.3 | |
| Vinyl acetate | 25 | | " | 50.0 | | 49.7 | 70-130 | Low Bias | 10.4 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | *49.6* | | *"* | *50.0* | | *99.2* | *72.6-129* | | | | |
| *Surrogate: p-Bromofluorobenzene* | *48.8* | | *"* | *50.0* | | *97.7* | *63.5-145* | | | | |
| *Surrogate: Toluene-d8* | *49.5* | | *"* | *50.0* | | *98.9* | *81.2-127* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30811 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BB30811-BLK1)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| Acenaphthene | ND | 5.00 | ug/L | | | | | | | | |
| Acenaphthylene | ND | 5.00 | " | | | | | | | | |
| Aniline | ND | 5.00 | " | | | | | | | | |
| Anthracene | ND | 5.00 | " | | | | | | | | |
| Benzo(a)anthracene | ND | 5.00 | " | | | | | | | | |
| Benzo(a)pyrene | ND | 5.00 | " | | | | | | | | |
| Benzo(b)fluoranthene | ND | 5.00 | " | | | | | | | | |
| Benzyl alcohol | ND | 5.00 | " | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 5.00 | " | | | | | | | | |
| Benzo(k)fluoranthene | ND | 5.00 | " | | | | | | | | |
| Benzyl butyl phthalate | ND | 5.00 | " | | | | | | | | |
| 4-Bromophenyl phenyl ether | ND | 5.00 | " | | | | | | | | |
| 4-Chloro-3-methylphenol | ND | 5.00 | " | | | | | | | | |
| 4-Chloroaniline | ND | 5.00 | " | | | | | | | | |
| Bis(2-chloroethoxy)methane | ND | 5.00 | " | | | | | | | | |
| Bis(2-chloroethyl)ether | ND | 5.00 | " | | | | | | | | |
| Bis(2-chloroisopropyl)ether | ND | 5.00 | " | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | ND | 5.00 | " | | | | | | | | |
| 2-Chloronaphthalene | ND | 5.00 | " | | | | | | | | |
| 2-Chlorophenol | ND | 5.00 | " | | | | | | | | |
| 4-Chlorophenyl phenyl ether | ND | 5.00 | " | | | | | | | | |
| Chrysene | ND | 5.00 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 5.00 | " | | | | | | | | |
| Dibenzofuran | ND | 5.00 | " | | | | | | | | |
| Di-n-butyl phthalate | ND | 5.00 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 3,3'-Dichlorobenzidine | ND | 5.00 | " | | | | | | | | |
| 2,4-Dichlorophenol | ND | 5.00 | " | | | | | | | | |
| Diethyl phthalate | ND | 5.00 | " | | | | | | | | |
| 2,4-Dimethylphenol | ND | 5.00 | " | | | | | | | | |
| Dimethyl phthalate | ND | 5.00 | " | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ND | 10.0 | " | | | | | | | | |
| 2,4-Dinitrophenol | ND | 10.0 | " | | | | | | | | |
| 2,6-Dinitrotoluene | ND | 5.00 | " | | | | | | | | |
| 2,4-Dinitrotoluene | ND | 5.00 | " | | | | | | | | |
| Di-n-octyl phthalate | ND | 5.00 | " | | | | | | | | |
| Fluoranthene | ND | 5.00 | " | | | | | | | | |
| Fluorene | ND | 5.00 | " | | | | | | | | |
| Hexachlorobenzene | ND | 5.00 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 5.00 | " | | | | | | | | |
| Hexachlorocyclopentadiene | ND | 5.00 | " | | | | | | | | |
| Hexachloroethane | ND | 5.00 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 5.00 | " | | | | | | | | |
| Isophorone | ND | 5.00 | " | | | | | | | | |
| 2-Methylnaphthalene | ND | 5.00 | " | | | | | | | | |
| 3- & 4-Methylphenols | ND | 5.00 | " | | | | | | | | |
| 2-Methylphenol | ND | 5.00 | " | | | | | | | | |
| Naphthalene | ND | 5.00 | " | | | | | | | | |
| 4-Nitroaniline | ND | 5.00 | " | | | | | | | | |
| 3-Nitroaniline | ND | 5.00 | " | | | | | | | | |
| 2-Nitroaniline | ND | 5.00 | " | | | | | | | | |
| Nitrobenzene | ND | 5.00 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30811 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BB30811-BLK1)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| 2-Nitrophenol | ND | 5.00 | ug/L | | | | | | | | |
| 4-Nitrophenol | ND | 5.00 | " | | | | | | | | |
| N-nitroso-di-n-propylamine | ND | 5.00 | " | | | | | | | | |
| N-Nitrosodimethylamine | ND | 5.00 | " | | | | | | | | |
| N-Nitrosodiphenylamine | ND | 5.00 | " | | | | | | | | |
| Pentachlorophenol | ND | 5.00 | " | | | | | | | | |
| Phenanthrene | ND | 5.00 | " | | | | | | | | |
| Phenol | ND | 5.00 | " | | | | | | | | |
| Pyrene | ND | 5.00 | " | | | | | | | | |
| Pyridine | ND | 5.00 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.00 | " | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 5.00 | " | | | | | | | | |
| 2,4,5-Trichlorophenol | ND | 5.00 | " | | | | | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *68.2* | | *"* | *75.0* | | *90.9* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *41.3* | | *"* | *50.0* | | *82.6* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *42.4* | | *"* | *75.0* | | *56.5* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *48.0* | | *"* | *50.1* | | *95.7* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *18.4* | | *"* | *75.1* | | *24.5* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *49.8* | | *"* | *50.0* | | *99.5* | *30-130* | | | | |
| **Blank (BB30811-BLK2)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| Acenaphthene | ND | 12.5 | ug/L | | | | | | | | |
| Acenaphthylene | ND | 12.5 | " | | | | | | | | |
| Aniline | ND | 12.5 | " | | | | | | | | |
| Anthracene | ND | 12.5 | " | | | | | | | | |
| Benzo(a)anthracene | ND | 12.5 | " | | | | | | | | |
| Benzo(a)pyrene | ND | 12.5 | " | | | | | | | | |
| Benzo(b)fluoranthene | ND | 12.5 | " | | | | | | | | |
| Benzyl alcohol | ND | 12.5 | " | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 12.5 | " | | | | | | | | |
| Benzo(k)fluoranthene | ND | 12.5 | " | | | | | | | | |
| Benzyl butyl phthalate | ND | 12.5 | " | | | | | | | | |
| 4-Bromophenyl phenyl ether | ND | 12.5 | " | | | | | | | | |
| 4-Chloro-3-methylphenol | ND | 12.5 | " | | | | | | | | |
| 4-Chloroaniline | ND | 12.5 | " | | | | | | | | |
| Bis(2-chloroethoxy)methane | ND | 12.5 | " | | | | | | | | |
| Bis(2-chloroethyl)ether | ND | 12.5 | " | | | | | | | | |
| Bis(2-chloroisopropyl)ether | ND | 12.5 | " | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | ND | 12.5 | " | | | | | | | | |
| 2-Chloronaphthalene | ND | 12.5 | " | | | | | | | | |
| 2-Chlorophenol | ND | 12.5 | " | | | | | | | | |
| 4-Chlorophenyl phenyl ether | ND | 12.5 | " | | | | | | | | |
| Chrysene | ND | 12.5 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 12.5 | " | | | | | | | | |
| Dibenzofuran | ND | 12.5 | " | | | | | | | | |
| Di-n-butyl phthalate | ND | 12.5 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 12.5 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 12.5 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 12.5 | " | | | | | | | | |
| 3,3'-Dichlorobenzidine | ND | 12.5 | " | | | | | | | | |
| 2,4-Dichlorophenol | ND | 12.5 | " | | | | | | | | |
| Diethyl phthalate | ND | 12.5 | " | | | | | | | | |
| 2,4-Dimethylphenol | ND | 12.5 | " | | | | | | | | |
| Dimethyl phthalate | ND | 12.5 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30811 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BB30811-BLK2)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| 4,6-Dinitro-2-methylphenol | ND | 25.0 | ug/L | | | | | | | | |
| 2,4-Dinitrophenol | ND | 25.0 | " | | | | | | | | |
| 2,6-Dinitrotoluene | ND | 12.5 | " | | | | | | | | |
| 2,4-Dinitrotoluene | ND | 12.5 | " | | | | | | | | |
| Di-n-octyl phthalate | ND | 12.5 | " | | | | | | | | |
| Fluoranthene | ND | 12.5 | " | | | | | | | | |
| Fluorene | ND | 12.5 | " | | | | | | | | |
| Hexachlorobenzene | ND | 12.5 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 12.5 | " | | | | | | | | |
| Hexachlorocyclopentadiene | ND | 12.5 | " | | | | | | | | |
| Hexachloroethane | ND | 12.5 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 12.5 | " | | | | | | | | |
| Isophorone | ND | 12.5 | " | | | | | | | | |
| 2-Methylnaphthalene | ND | 12.5 | " | | | | | | | | |
| 3- & 4-Methylphenols | ND | 12.5 | " | | | | | | | | |
| 2-Methylphenol | ND | 12.5 | " | | | | | | | | |
| Naphthalene | ND | 12.5 | " | | | | | | | | |
| 4-Nitroaniline | ND | 12.5 | " | | | | | | | | |
| 3-Nitroaniline | ND | 12.5 | " | | | | | | | | |
| 2-Nitroaniline | ND | 12.5 | " | | | | | | | | |
| Nitrobenzene | ND | 12.5 | " | | | | | | | | |
| 2-Nitrophenol | ND | 12.5 | " | | | | | | | | |
| 4-Nitrophenol | ND | 12.5 | " | | | | | | | | |
| N-nitroso-di-n-propylamine | ND | 12.5 | " | | | | | | | | |
| N-Nitrosodimethylamine | ND | 12.5 | " | | | | | | | | |
| N-Nitrosodiphenylamine | ND | 12.5 | " | | | | | | | | |
| Pentachlorophenol | ND | 12.5 | " | | | | | | | | |
| Phenanthrene | ND | 12.5 | " | | | | | | | | |
| Phenol | ND | 12.5 | " | | | | | | | | |
| Pyrene | ND | 12.5 | " | | | | | | | | |
| Pyridine | ND | 12.5 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 12.5 | " | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 12.5 | " | | | | | | | | |
| 2,4,5-Trichlorophenol | ND | 12.5 | " | | | | | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *170* | | *"* | *188* | | *90.6* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *91.9* | | *"* | *125* | | *73.5* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *148* | | *"* | *188* | | *79.1* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *107* | | *"* | *125* | | *85.6* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *71.4* | | *"* | *188* | | *38.0* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *123* | | *"* | *125* | | *98.8* | *30-130* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30811 - EPA 3510C** | | | | | | | | | | | |
| **LCS (BB30811-BS1)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| Acenaphthene | 44.1 | 5.00 | ug/L | 50.0 | | 88.1 | 30-140 | | | | |
| Acenaphthylene | 46.3 | 5.00 | " | 50.0 | | 92.6 | 30-140 | | | | |
| Aniline | 54.8 | 5.00 | " | 50.0 | | 110 | 30-140 | | | | |
| Anthracene | 44.0 | 5.00 | " | 50.0 | | 88.1 | 30-140 | | | | |
| Benzo(a)anthracene | 47.6 | 5.00 | " | 50.0 | | 95.3 | 30-140 | | | | |
| Benzo(a)pyrene | 54.7 | 5.00 | " | 50.0 | | 109 | 30-140 | | | | |
| Benzo(b)fluoranthene | 47.6 | 5.00 | " | 50.0 | | 95.2 | 30-140 | | | | |
| Benzyl alcohol | 27.1 | 5.00 | " | 50.0 | | 54.2 | 30-130 | | | | |
| Benzo(g,h,i)perylene | 55.4 | 5.00 | " | 50.0 | | 111 | 30-140 | | | | |
| Benzo(k)fluoranthene | 49.2 | 5.00 | " | 50.0 | | 98.4 | 30-140 | | | | |
| Benzyl butyl phthalate | 43.8 | 5.00 | " | 50.0 | | 87.7 | 30-140 | | | | |
| 4-Bromophenyl phenyl ether | 42.4 | 5.00 | " | 50.0 | | 84.8 | 30-140 | | | | |
| 4-Chloro-3-methylphenol | 39.2 | 5.00 | " | 50.0 | | 78.3 | 30-130 | | | | |
| 4-Chloroaniline | 50.6 | 5.00 | " | 50.0 | | 101 | 30-140 | | | | |
| Bis(2-chloroethoxy)methane | 40.2 | 5.00 | " | 50.0 | | 80.4 | 30-140 | | | | |
| Bis(2-chloroethyl)ether | 40.3 | 5.00 | " | 50.0 | | 80.6 | 30-140 | | | | |
| Bis(2-chloroisopropyl)ether | 38.2 | 5.00 | " | 50.0 | | 76.5 | 30-140 | | | | |
| Bis(2-ethylhexyl)phthalate | 44.3 | 5.00 | " | 50.0 | | 88.6 | 30-140 | | | | |
| 2-Chloronaphthalene | 37.1 | 5.00 | " | 50.0 | | 74.1 | 30-140 | | | | |
| 2-Chlorophenol | 34.9 | 5.00 | " | 50.0 | | 69.8 | 30-130 | | | | |
| 4-Chlorophenyl phenyl ether | 43.9 | 5.00 | " | 50.0 | | 87.8 | 30-140 | | | | |
| Chrysene | 41.3 | 5.00 | " | 50.0 | | 82.5 | 30-140 | | | | |
| Dibenzo(a,h)anthracene | 56.7 | 5.00 | " | 50.0 | | 113 | 30-140 | | | | |
| Dibenzofuran | 41.2 | 5.00 | " | 50.0 | | 82.5 | 30-140 | | | | |
| Di-n-butyl phthalate | 43.2 | 5.00 | " | 50.0 | | 86.4 | 30-140 | | | | |
| 1,3-Dichlorobenzene | 36.4 | 5.00 | " | 50.0 | | 72.8 | 30-140 | | | | |
| 1,2-Dichlorobenzene | 34.0 | 5.00 | " | 50.0 | | 67.9 | 30-140 | | | | |
| 1,4-Dichlorobenzene | 35.8 | 5.00 | " | 50.0 | | 71.5 | 30-140 | | | | |
| 3,3'-Dichlorobenzidine | 54.6 | 5.00 | " | 50.0 | | 109 | 30-140 | | | | |
| 2,4-Dichlorophenol | 32.5 | 5.00 | " | 50.0 | | 65.0 | 30-130 | | | | |
| Diethyl phthalate | 41.9 | 5.00 | " | 50.0 | | 83.9 | 30-140 | | | | |
| 2,4-Dimethylphenol | 34.6 | 5.00 | " | 50.0 | | 69.2 | 30-130 | | | | |
| Dimethyl phthalate | 39.2 | 5.00 | " | 50.0 | | 78.4 | 30-140 | | | | |
| 4,6-Dinitro-2-methylphenol | 57.3 | 10.0 | " | 50.0 | | 115 | 30-130 | | | | |
| 2,4-Dinitrophenol | 41.7 | 10.0 | " | 50.0 | | 83.4 | 30-130 | | | | |
| 2,6-Dinitrotoluene | 42.0 | 5.00 | " | 50.0 | | 83.9 | 30-140 | | | | |
| 2,4-Dinitrotoluene | 40.2 | 5.00 | " | 50.0 | | 80.3 | 30-140 | | | | |
| Di-n-octyl phthalate | 39.7 | 5.00 | " | 50.0 | | 79.4 | 30-140 | | | | |
| Fluoranthene | 44.2 | 5.00 | " | 50.0 | | 88.4 | 30-140 | | | | |
| Fluorene | 44.4 | 5.00 | " | 50.0 | | 88.7 | 30-140 | | | | |
| Hexachlorobenzene | 43.1 | 5.00 | " | 50.0 | | 86.3 | 30-140 | | | | |
| Hexachlorobutadiene | 36.4 | 5.00 | " | 50.0 | | 72.7 | 30-140 | | | | |
| Hexachlorocyclopentadiene | 22.9 | 5.00 | " | 50.0 | | 45.8 | 30-140 | | | | |
| Hexachloroethane | 36.0 | 5.00 | " | 50.0 | | 71.9 | 30-140 | | | | |
| Indeno(1,2,3-cd)pyrene | 57.7 | 5.00 | " | 50.0 | | 115 | 30-140 | | | | |
| Isophorone | 43.3 | 5.00 | " | 50.0 | | 86.7 | 30-140 | | | | |
| 2-Methylnaphthalene | 39.4 | 5.00 | " | 50.0 | | 78.8 | 30-140 | | | | |
| 3- & 4-Methylphenols | 6.67 | 5.00 | " | 50.0 | | 13.3 | 30-130 | Low Bias | | | |
| 2-Methylphenol | 14.2 | 5.00 | " | 50.0 | | 28.3 | 30-130 | Low Bias | | | |
| Naphthalene | 38.5 | 5.00 | " | 50.0 | | 77.1 | 30-140 | | | | |
| 4-Nitroaniline | 44.2 | 5.00 | " | 50.0 | | 88.4 | 30-140 | | | | |
| 3-Nitroaniline | 45.9 | 5.00 | " | 50.0 | | 91.7 | 30-140 | | | | |
| 2-Nitroaniline | 44.1 | 5.00 | " | 50.0 | | 88.2 | 30-140 | | | | |
| Nitrobenzene | 44.0 | 5.00 | " | 50.0 | | 88.0 | 30-140 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30811 - EPA 3510C** | | | | | | | | | | | |
| **LCS (BB30811-BS1)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| 2-Nitrophenol | 39.3 | 5.00 | ug/L | 50.0 | | 78.6 | 30-130 | | | | |
| 4-Nitrophenol | 23.4 | 5.00 | " | 50.0 | | 46.7 | 30-130 | | | | |
| N-nitroso-di-n-propylamine | 35.6 | 5.00 | " | 50.0 | | 71.2 | 30-140 | | | | |
| N-Nitrosodimethylamine | 19.4 | 5.00 | " | 50.0 | | 38.7 | 30-140 | | | | |
| N-Nitrosodiphenylamine | 54.5 | 5.00 | " | 50.0 | | 109 | 30-140 | | | | |
| Pentachlorophenol | 37.2 | 5.00 | " | 50.0 | | 74.3 | 30-130 | | | | |
| Phenanthrene | 46.2 | 5.00 | " | 50.0 | | 92.4 | 30-140 | | | | |
| Phenol | 11.7 | 5.00 | " | 50.0 | | 23.4 | 30-130 | Low Bias | | | |
| Pyrene | 45.9 | 5.00 | " | 50.0 | | 91.8 | 30-140 | | | | |
| Pyridine | 9.95 | 5.00 | " | 50.0 | | 19.9 | 30-140 | Low Bias | | | |
| 1,2,4-Trichlorobenzene | 36.6 | 5.00 | " | 50.0 | | 73.2 | 30-140 | | | | |
| 2,4,6-Trichlorophenol | 42.2 | 5.00 | " | 50.0 | | 84.3 | 30-130 | | | | |
| 2,4,5-Trichlorophenol | 39.0 | 5.00 | " | 50.0 | | 78.1 | 30-130 | | | | |
| *Surrogate: 2,4,6-Tribromophenol* | *73.5* | | *"* | *75.0* | | *98.0* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *49.3* | | *"* | *50.0* | | *98.6* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *42.2* | | *"* | *75.0* | | *56.3* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *49.9* | | *"* | *50.1* | | *99.6* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *19.5* | | *"* | *75.1* | | *26.0* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *54.4* | | *"* | *50.0* | | *109* | *30-130* | | | | |
| **LCS Dup (BB30811-BSD1)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| Acenaphthene | 38.4 | 5.00 | ug/L | 50.0 | | 76.8 | 30-140 | | 13.8 | 20 | |
| Acenaphthylene | 39.9 | 5.00 | " | 50.0 | | 79.8 | 30-140 | | 14.8 | 20 | |
| Aniline | 19.6 | 5.00 | " | 50.0 | | 39.2 | 30-140 | | 94.7 | 20 | Non-dir. |
| Anthracene | 37.7 | 5.00 | " | 50.0 | | 75.4 | 30-140 | | 15.5 | 20 | |
| Benzo(a)anthracene | 40.8 | 5.00 | " | 50.0 | | 81.6 | 30-140 | | 15.5 | 20 | |
| Benzo(a)pyrene | 50.9 | 5.00 | " | 50.0 | | 102 | 30-140 | | 7.08 | 20 | |
| Benzo(b)fluoranthene | 55.5 | 5.00 | " | 50.0 | | 111 | 30-140 | | 15.3 | 20 | |
| Benzyl alcohol | 55.9 | 5.00 | " | 50.0 | | 112 | 30-130 | | 69.5 | 20 | Non-dir. |
| Benzo(g,h,i)perylene | 51.4 | 5.00 | " | 50.0 | | 103 | 30-140 | | 7.52 | 20 | |
| Benzo(k)fluoranthene | 43.6 | 5.00 | " | 50.0 | | 87.3 | 30-140 | | 12.0 | 20 | |
| Benzyl butyl phthalate | 38.9 | 5.00 | " | 50.0 | | 77.7 | 30-140 | | 12.0 | 20 | |
| 4-Bromophenyl phenyl ether | 37.2 | 5.00 | " | 50.0 | | 74.4 | 30-140 | | 13.0 | 20 | |
| 4-Chloro-3-methylphenol | 33.9 | 5.00 | " | 50.0 | | 67.7 | 30-130 | | 14.5 | 20 | |
| 4-Chloroaniline | 44.7 | 5.00 | " | 50.0 | | 89.3 | 30-140 | | 12.4 | 20 | |
| Bis(2-chloroethoxy)methane | 34.4 | 5.00 | " | 50.0 | | 68.8 | 30-140 | | 15.6 | 20 | |
| Bis(2-chloroethyl)ether | 32.9 | 5.00 | " | 50.0 | | 65.7 | 30-140 | | 20.4 | 20 | Non-dir. |
| Bis(2-chloroisopropyl)ether | 33.2 | 5.00 | " | 50.0 | | 66.5 | 30-140 | | 14.0 | 20 | |
| Bis(2-ethylhexyl)phthalate | 38.1 | 5.00 | " | 50.0 | | 76.1 | 30-140 | | 15.2 | 20 | |
| 2-Chloronaphthalene | 32.7 | 5.00 | " | 50.0 | | 65.3 | 30-140 | | 12.6 | 20 | |
| 2-Chlorophenol | 30.5 | 5.00 | " | 50.0 | | 61.1 | 30-130 | | 13.3 | 20 | |
| 4-Chlorophenyl phenyl ether | 37.6 | 5.00 | " | 50.0 | | 75.1 | 30-140 | | 15.5 | 20 | |
| Chrysene | 37.4 | 5.00 | " | 50.0 | | 74.7 | 30-140 | | 9.89 | 20 | |
| Dibenzo(a,h)anthracene | 51.4 | 5.00 | " | 50.0 | | 103 | 30-140 | | 9.72 | 20 | |
| Dibenzofuran | 37.3 | 5.00 | " | 50.0 | | 74.5 | 30-140 | | 10.1 | 20 | |
| Di-n-butyl phthalate | 37.3 | 5.00 | " | 50.0 | | 74.7 | 30-140 | | 14.5 | 20 | |
| 1,3-Dichlorobenzene | 32.1 | 5.00 | " | 50.0 | | 64.3 | 30-140 | | 12.4 | 20 | |
| 1,2-Dichlorobenzene | 30.0 | 5.00 | " | 50.0 | | 60.0 | 30-140 | | 12.4 | 20 | |
| 1,4-Dichlorobenzene | 30.3 | 5.00 | " | 50.0 | | 60.6 | 30-140 | | 16.5 | 20 | |
| 3,3'-Dichlorobenzidine | 47.5 | 5.00 | " | 50.0 | | 95.0 | 30-140 | | 13.9 | 20 | |
| 2,4-Dichlorophenol | 32.2 | 5.00 | " | 50.0 | | 64.5 | 30-130 | | 0.865 | 20 | |
| Diethyl phthalate | 38.8 | 5.00 | " | 50.0 | | 77.7 | 30-140 | | 7.70 | 20 | |
| 2,4-Dimethylphenol | 30.2 | 5.00 | " | 50.0 | | 60.4 | 30-130 | | 13.6 | 20 | |
| Dimethyl phthalate | 35.7 | 5.00 | " | 50.0 | | 71.3 | 30-140 | | 9.46 | 20 | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30811 - EPA 3510C** | | | | | | | | | | | |
| **LCS Dup (BB30811-BSD1)** | | | | | | | | Prepared & Analyzed: 02/26/2013 | | | |
| 4,6-Dinitro-2-methylphenol | 45.7 | 10.0 | ug/L | 50.0 | | 91.4 | 30-130 | | 22.6 | 20 | Non-dir. |
| 2,4-Dinitrophenol | 39.4 | 10.0 | " | 50.0 | | 78.8 | 30-130 | | 5.69 | 20 | |
| 2,6-Dinitrotoluene | 39.2 | 5.00 | " | 50.0 | | 78.3 | 30-140 | | 6.93 | 20 | |
| 2,4-Dinitrotoluene | 36.8 | 5.00 | " | 50.0 | | 73.6 | 30-140 | | 8.76 | 20 | |
| Di-n-octyl phthalate | 34.5 | 5.00 | " | 50.0 | | 69.0 | 30-140 | | 14.1 | 20 | |
| Fluoranthene | 38.7 | 5.00 | " | 50.0 | | 77.3 | 30-140 | | 13.4 | 20 | |
| Fluorene | 39.8 | 5.00 | " | 50.0 | | 79.7 | 30-140 | | 10.7 | 20 | |
| Hexachlorobenzene | 38.0 | 5.00 | " | 50.0 | | 76.0 | 30-140 | | 12.7 | 20 | |
| Hexachlorobutadiene | 35.0 | 5.00 | " | 50.0 | | 70.1 | 30-140 | | 3.70 | 20 | |
| Hexachlorocyclopentadiene | 19.6 | 5.00 | " | 50.0 | | 39.2 | 30-140 | | 15.5 | 20 | |
| Hexachloroethane | 32.8 | 5.00 | " | 50.0 | | 65.5 | 30-140 | | 9.25 | 20 | |
| Indeno(1,2,3-cd)pyrene | 53.6 | 5.00 | " | 50.0 | | 107 | 30-140 | | 7.33 | 20 | |
| Isophorone | 37.6 | 5.00 | " | 50.0 | | 75.2 | 30-140 | | 14.2 | 20 | |
| 2-Methylnaphthalene | 30.9 | 5.00 | " | 50.0 | | 61.8 | 30-140 | | 24.3 | 20 | Non-dir. |
| 3- & 4-Methylphenols | 1.75 | 5.00 | " | 50.0 | | 3.50 | 30-130 | Low Bias | 117 | 20 | Non-dir. |
| 2-Methylphenol | 12.0 | 5.00 | " | 50.0 | | 24.0 | 30-130 | Low Bias | 16.4 | 20 | |
| Naphthalene | 33.9 | 5.00 | " | 50.0 | | 67.7 | 30-140 | | 12.9 | 20 | |
| 4-Nitroaniline | ND | 5.00 | " | 50.0 | | | 30-140 | Low Bias | | 20 | |
| 3-Nitroaniline | 42.1 | 5.00 | " | 50.0 | | 84.1 | 30-140 | | 8.64 | 20 | |
| 2-Nitroaniline | 37.5 | 5.00 | " | 50.0 | | 75.0 | 30-140 | | 16.2 | 20 | |
| Nitrobenzene | 37.3 | 5.00 | " | 50.0 | | 74.7 | 30-140 | | 16.4 | 20 | |
| 2-Nitrophenol | 36.4 | 5.00 | " | 50.0 | | 72.9 | 30-130 | | 7.58 | 20 | |
| 4-Nitrophenol | ND | 5.00 | " | 50.0 | | | 30-130 | Low Bias | | 20 | |
| N-nitroso-di-n-propylamine | 28.6 | 5.00 | " | 50.0 | | 57.2 | 30-140 | | 21.8 | 20 | Non-dir. |
| N-Nitrosodimethylamine | 16.4 | 5.00 | " | 50.0 | | 32.7 | 30-140 | | 16.7 | 20 | |
| N-Nitrosodiphenylamine | 48.1 | 5.00 | " | 50.0 | | 96.2 | 30-140 | | 12.4 | 20 | |
| Pentachlorophenol | 29.7 | 5.00 | " | 50.0 | | 59.5 | 30-130 | | 22.2 | 20 | Non-dir. |
| Phenanthrene | 39.2 | 5.00 | " | 50.0 | | 78.5 | 30-140 | | 16.2 | 20 | |
| Phenol | 12.4 | 5.00 | " | 50.0 | | 24.7 | 30-130 | Low Bias | 5.74 | 20 | |
| Pyrene | 40.1 | 5.00 | " | 50.0 | | 80.3 | 30-140 | | 13.4 | 20 | |
| Pyridine | 9.30 | 5.00 | " | 50.0 | | 18.6 | 30-140 | Low Bias | 6.75 | 20 | |
| 1,2,4-Trichlorobenzene | 32.2 | 5.00 | " | 50.0 | | 64.4 | 30-140 | | 12.8 | 20 | |
| 2,4,6-Trichlorophenol | 35.4 | 5.00 | " | 50.0 | | 70.7 | 30-130 | | 17.5 | 20 | |
| 2,4,5-Trichlorophenol | 37.2 | 5.00 | " | 50.0 | | 74.5 | 30-130 | | 4.67 | 20 | |
| *Surrogate: 2,4,6-Tribromophenol* | *70.4* | | *"* | *75.0* | | *93.9* | *15-110* | | | | |
| *Surrogate: 2-Fluorobiphenyl* | *41.2* | | *"* | *50.0* | | *82.4* | *30-130* | | | | |
| *Surrogate: 2-Fluorophenol* | *31.8* | | *"* | *75.0* | | *42.4* | *15-110* | | | | |
| *Surrogate: Nitrobenzene-d5* | *45.4* | | *"* | *50.1* | | *90.7* | *30-130* | | | | |
| *Surrogate: Phenol-d5* | *16.5* | | *"* | *75.1* | | *22.0* | *10-110* | | | | |
| *Surrogate: Terphenyl-d14* | *48.3* | | *"* | *50.0* | | *96.6* | *30-130* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30734 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **Blank (BB30734-BLK1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Toxaphene | ND | 0.0500 | ug/L | | | | | | | | |
| Methoxychlor | ND | 0.00500 | " | | | | | | | | |
| Heptachlor epoxide | ND | 0.00100 | " | | | | | | | | |
| Heptachlor | ND | 0.00100 | " | | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.00100 | " | | | | | | | | |
| Endrin ketone | ND | 0.00100 | " | | | | | | | | |
| Endrin aldehyde | ND | 0.00100 | " | | | | | | | | |
| Endrin | ND | 0.00100 | " | | | | | | | | |
| Endosulfan sulfate | ND | 0.00100 | " | | | | | | | | |
| Endosulfan II | ND | 0.00100 | " | | | | | | | | |
| Endosulfan I | ND | 0.00100 | " | | | | | | | | |
| Dieldrin | ND | 0.00100 | " | | | | | | | | |
| delta-BHC | ND | 0.00100 | " | | | | | | | | |
| Chlordane, total | ND | 0.00400 | " | | | | | | | | |
| beta-BHC | ND | 0.00100 | " | | | | | | | | |
| alpha-BHC | ND | 0.00100 | " | | | | | | | | |
| Aldrin | ND | 0.00100 | " | | | | | | | | |
| 4,4'-DDT | ND | 0.00100 | " | | | | | | | | |
| 4,4'-DDE | ND | 0.00100 | " | | | | | | | | |
| 4,4'-DDD | ND | 0.00100 | " | | | | | | | | |
| Aroclor 1260 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1254 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1248 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1242 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1232 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1221 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1016 | ND | 0.0500 | " | | | | | | | | |
| Total PCBs | ND | 0.0500 | " | | | | | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.119* | | *"* | *0.200* | | *59.5* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.151* | | *"* | *0.201* | | *75.1* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30734 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **LCS (BB30734-BS1)** | | | | | | | | Prepared: 02/25/2013 Analyzed: 02/26/2013 | | | |
| Methoxychlor | 0.0509 | 0.00500 | ug/L | 0.100 | | 50.9 | 40-140 | | | | |
| Heptachlor epoxide | 0.0425 | 0.00100 | " | 0.100 | | 42.5 | 40-140 | | | | |
| Heptachlor | 0.0383 | 0.00100 | " | 0.100 | | 38.3 | 40-140 | Low Bias | | | |
| gamma-BHC (Lindane) | 0.0394 | 0.00100 | " | 0.100 | | 39.4 | 40-140 | Low Bias | | | |
| Endrin ketone | 0.0495 | 0.00100 | " | 0.100 | | 49.5 | 40-140 | | | | |
| Endrin aldehyde | 0.0541 | 0.00100 | " | 0.100 | | 54.1 | 40-140 | | | | |
| Endrin | 0.0481 | 0.00100 | " | 0.100 | | 48.1 | 40-140 | | | | |
| Endosulfan sulfate | 0.0465 | 0.00100 | " | 0.100 | | 46.5 | 40-140 | | | | |
| Endosulfan II | 0.0444 | 0.00100 | " | 0.100 | | 44.4 | 40-140 | | | | |
| Endosulfan I | 0.0423 | 0.00100 | " | 0.100 | | 42.3 | 40-140 | | | | |
| Dieldrin | 0.0432 | 0.00100 | " | 0.100 | | 43.2 | 40-140 | | | | |
| delta-BHC | 0.0419 | 0.00100 | " | 0.100 | | 41.9 | 40-140 | | | | |
| beta-BHC | 0.0425 | 0.00100 | " | 0.100 | | 42.5 | 40-140 | | | | |
| alpha-BHC | 0.0391 | 0.00100 | " | 0.100 | | 39.1 | 40-140 | Low Bias | | | |
| Aldrin | 0.0336 | 0.00100 | " | 0.100 | | 33.6 | 40-140 | Low Bias | | | |
| 4,4'-DDT | 0.0467 | 0.00100 | " | 0.100 | | 46.7 | 40-140 | | | | |
| 4,4'-DDE | 0.0449 | 0.00100 | " | 0.100 | | 44.9 | 40-140 | | | | |
| 4,4'-DDD | 0.0515 | 0.00100 | " | 0.100 | | 51.5 | 40-140 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0998* | | *"* | *0.200* | | *49.9* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.123* | | *"* | *0.201* | | *61.0* | *30-150* | | | | |
| **LCS (BB30734-BS2)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Aroclor 1260 | 0.597 | 0.0500 | ug/L | 1.00 | | 59.7 | 40-140 | | | | |
| Aroclor 1016 | 0.611 | 0.0500 | " | 1.00 | | 61.1 | 40-140 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.138* | | *"* | *0.200* | | *69.0* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.134* | | *"* | *0.201* | | *66.7* | *30-150* | | | | |
| **LCS Dup (BB30734-BSD1)** | | | | | | | | Prepared: 02/25/2013 Analyzed: 02/26/2013 | | | |
| Methoxychlor | 0.0549 | 0.00500 | ug/L | 0.100 | | 54.9 | 40-140 | | 7.55 | 200 | |
| Heptachlor epoxide | 0.0453 | 0.00100 | " | 0.100 | | 45.3 | 40-140 | | 6.51 | 200 | |
| Heptachlor | 0.0388 | 0.00100 | " | 0.100 | | 38.8 | 40-140 | Low Bias | 1.28 | 200 | |
| gamma-BHC (Lindane) | 0.0419 | 0.00100 | " | 0.100 | | 41.9 | 40-140 | | 6.15 | 200 | |
| Endrin ketone | 0.0538 | 0.00100 | " | 0.100 | | 53.8 | 40-140 | | 8.33 | 200 | |
| Endrin aldehyde | 0.0587 | 0.00100 | " | 0.100 | | 58.7 | 40-140 | | 8.14 | 200 | |
| Endrin | 0.0513 | 0.00100 | " | 0.100 | | 51.3 | 40-140 | | 6.40 | 200 | |
| Endosulfan sulfate | 0.0499 | 0.00100 | " | 0.100 | | 49.9 | 40-140 | | 7.08 | 200 | |
| Endosulfan II | 0.0472 | 0.00100 | " | 0.100 | | 47.2 | 40-140 | | 6.01 | 200 | |
| Endosulfan I | 0.0454 | 0.00100 | " | 0.100 | | 45.4 | 40-140 | | 7.10 | 200 | |
| Dieldrin | 0.0463 | 0.00100 | " | 0.100 | | 46.3 | 40-140 | | 7.03 | 200 | |
| delta-BHC | 0.0436 | 0.00100 | " | 0.100 | | 43.6 | 40-140 | | 4.13 | 200 | |
| beta-BHC | 0.0446 | 0.00100 | " | 0.100 | | 44.6 | 40-140 | | 4.96 | 200 | |
| alpha-BHC | 0.0411 | 0.00100 | " | 0.100 | | 41.1 | 40-140 | | 5.11 | 200 | |
| Aldrin | 0.0350 | 0.00100 | " | 0.100 | | 35.0 | 40-140 | Low Bias | 4.27 | 200 | |
| 4,4'-DDT | 0.0504 | 0.00100 | " | 0.100 | | 50.4 | 40-140 | | 7.47 | 200 | |
| 4,4'-DDE | 0.0478 | 0.00100 | " | 0.100 | | 47.8 | 40-140 | | 6.25 | 200 | |
| 4,4'-DDD | 0.0555 | 0.00100 | " | 0.100 | | 55.5 | 40-140 | | 7.44 | 200 | |
| *Surrogate: Tetrachloro-m-xylene* | *0.120* | | *"* | *0.200* | | *60.2* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.137* | | *"* | *0.201* | | *68.1* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30734 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **LCS Dup (BB30734-BSD2)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Aroclor 1260 | 0.571 | 0.0500 | ug/L | 1.00 | | 57.1 | 40-140 | | 4.42 | 200 | |
| Aroclor 1016 | 0.603 | 0.0500 | " | 1.00 | | 60.3 | 40-140 | | 1.28 | 200 | |
| *Surrogate: Tetrachloro-m-xylene* | *0.115* | | *"* | *0.200* | | *57.5* | *30-150* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.133* | | *"* | *0.201* | | *66.2* | *30-150* | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

# Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30800 - EPA 3010A** | | | | | | | | | | | |
| **Blank (BB30800-BLK1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Aluminum | ND | 0.010 | mg/L | | | | | | | | |
| Aluminum - Dissolved | ND | 0.010 | " | | | | | | | | |
| Antimony | ND | 0.005 | " | | | | | | | | |
| Antimony - Dissolved | ND | 0.005 | " | | | | | | | | |
| Arsenic | ND | 0.004 | " | | | | | | | | |
| Arsenic - Dissolved | ND | 0.004 | " | | | | | | | | |
| Barium | ND | 0.010 | " | | | | | | | | |
| Barium - Dissolved | ND | 0.010 | " | | | | | | | | |
| Beryllium | ND | 0.001 | " | | | | | | | | |
| Beryllium - Dissolved | ND | 0.001 | " | | | | | | | | |
| Cadmium | ND | 0.003 | " | | | | | | | | |
| Cadmium - Dissolved | ND | 0.003 | " | | | | | | | | |
| Calcium | ND | 0.050 | " | | | | | | | | |
| Calcium - Dissolved | ND | 0.050 | " | | | | | | | | |
| Chromium | ND | 0.005 | " | | | | | | | | |
| Chromium - Dissolved | ND | 0.005 | " | | | | | | | | |
| Cobalt - Dissolved | ND | 0.005 | " | | | | | | | | |
| Cobalt | ND | 0.005 | " | | | | | | | | |
| Copper - Dissolved | ND | 0.005 | " | | | | | | | | |
| Copper | ND | 0.005 | " | | | | | | | | |
| Iron - Dissolved | ND | 0.020 | " | | | | | | | | |
| Iron | ND | 0.020 | " | | | | | | | | |
| Lead - Dissolved | ND | 0.003 | " | | | | | | | | |
| Lead | ND | 0.003 | " | | | | | | | | |
| Magnesium - Dissolved | ND | 0.050 | " | | | | | | | | |
| Magnesium | ND | 0.050 | " | | | | | | | | |
| Manganese - Dissolved | ND | 0.005 | " | | | | | | | | |
| Manganese | ND | 0.005 | " | | | | | | | | |
| Nickel - Dissolved | ND | 0.005 | " | | | | | | | | |
| Nickel | ND | 0.005 | " | | | | | | | | |
| Potassium - Dissolved | ND | 0.050 | " | | | | | | | | |
| Potassium | ND | 0.050 | " | | | | | | | | |
| Selenium - Dissolved | ND | 0.010 | " | | | | | | | | |
| Selenium | ND | 0.010 | " | | | | | | | | |
| Silver - Dissolved | ND | 0.005 | " | | | | | | | | |
| Silver | ND | 0.005 | " | | | | | | | | |
| Sodium - Dissolved | ND | 0.100 | " | | | | | | | | |
| Sodium | ND | 0.100 | " | | | | | | | | |
| Thallium - Dissolved | ND | 0.010 | " | | | | | | | | |
| Thallium | ND | 0.010 | " | | | | | | | | |
| Vanadium - Dissolved | ND | 0.010 | " | | | | | | | | |
| Vanadium | ND | 0.010 | " | | | | | | | | |
| Zinc - Dissolved | ND | 0.020 | " | | | | | | | | |
| Zinc | ND | 0.020 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

# Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30800 - EPA 3010A** | | | | | | | | | | | |
| **Reference (BB30800-SRM1)** | | | | | | | Prepared & Analyzed: 02/25/2013 | | | | |
| Aluminum - Dissolved | 0.294 | 0.010 | mg/L | 0.292 | | 101 | 72.6-129 | | | | |
| Aluminum | 0.294 | 0.010 | " | 0.292 | | 101 | 72.6-129 | | | | |
| Antimony - Dissolved | 0.592 | 0.005 | " | 0.686 | | 86.4 | 70.6-120 | | | | |
| Antimony | 0.592 | 0.005 | " | 0.686 | | 86.4 | 70.6-120 | | | | |
| Arsenic - Dissolved | 0.169 | 0.004 | " | 0.182 | | 93.1 | 81.9-118 | | | | |
| Arsenic | 0.169 | 0.004 | " | 0.182 | | 93.1 | 81.9-118 | | | | |
| Barium - Dissolved | 2.13 | 0.010 | " | 2.08 | | 103 | 87-113 | | | | |
| Barium | 2.13 | 0.010 | " | 2.08 | | 103 | 87-113 | | | | |
| Beryllium - Dissolved | 0.167 | 0.001 | " | 0.169 | | 98.9 | 84.6-113 | | | | |
| Beryllium | 0.167 | 0.001 | " | 0.169 | | 98.9 | 84.6-113 | | | | |
| Cadmium - Dissolved | 0.377 | 0.003 | " | 0.393 | | 96.0 | 85.2-114 | | | | |
| Cadmium | 0.377 | 0.003 | " | 0.393 | | 96.0 | 85.2-114 | | | | |
| Chromium - Dissolved | 0.588 | 0.005 | " | 0.611 | | 96.3 | 87.1-113 | | | | |
| Chromium | 0.588 | 0.005 | " | 0.611 | | 96.3 | 87.1-113 | | | | |
| Cobalt - Dissolved | 0.298 | 0.005 | " | 0.290 | | 103 | 87.6-112 | | | | |
| Cobalt | 0.298 | 0.005 | " | 0.290 | | 103 | 87.6-112 | | | | |
| Copper - Dissolved | 0.545 | 0.005 | " | 0.569 | | 95.9 | 90-110 | | | | |
| Copper | 0.545 | 0.005 | " | 0.569 | | 95.9 | 90-110 | | | | |
| Iron - Dissolved | 0.458 | 0.020 | " | 0.462 | | 99.1 | 87.9-114 | | | | |
| Iron | 0.458 | 0.020 | " | 0.462 | | 99.1 | 87.9-114 | | | | |
| Lead - Dissolved | 0.260 | 0.003 | " | 0.259 | | 100 | 85.7-114 | | | | |
| Lead | 0.260 | 0.003 | " | 0.259 | | 100 | 85.7-114 | | | | |
| Manganese - Dissolved | 1.34 | 0.005 | " | 1.28 | | 104 | 89.8-111 | | | | |
| Manganese | 1.34 | 0.005 | " | 1.28 | | 104 | 89.8-111 | | | | |
| Nickel - Dissolved | 0.304 | 0.005 | " | 0.279 | | 109 | 88.5-113 | | | | |
| Nickel | 0.304 | 0.005 | " | 0.279 | | 109 | 88.5-113 | | | | |
| Selenium - Dissolved | 0.987 | 0.010 | " | 1.05 | | 94.0 | 79.5-116 | | | | |
| Selenium | 0.987 | 0.010 | " | 1.05 | | 94.0 | 79.5-116 | | | | |
| Silver | 0.300 | 0.005 | " | 0.333 | | 90.0 | 85.9-115 | | | | |
| Silver - Dissolved | 0.300 | 0.005 | " | 0.333 | | 90.0 | 85.9-115 | | | | |
| Thallium | 0.489 | 0.010 | " | 0.487 | | 100 | 80.1-120 | | | | |
| Thallium - Dissolved | 0.489 | 0.010 | " | 0.487 | | 100 | 80.1-120 | | | | |
| Vanadium | 0.426 | 0.010 | " | 0.455 | | 93.6 | 87.5-112 | | | | |
| Vanadium - Dissolved | 0.426 | 0.010 | " | 0.455 | | 93.6 | 87.5-112 | | | | |
| Zinc | 0.182 | 0.020 | " | 0.191 | | 95.5 | 84.8-118 | | | | |
| Zinc - Dissolved | 0.182 | 0.020 | " | 0.191 | | 95.5 | 84.8-118 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

## Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30800 - EPA 3010A** | | | | | | | | | | | |
| **Reference (BB30800-SRM2)** | | | | | | | Prepared & Analyzed: 02/25/2013 | | | | |
| Calcium - Dissolved | 25.8 | 0.050 | mg/L | 25.3 | | 102 | 86.2-114 | | | | |
| Calcium | 25.8 | 0.050 | " | 25.3 | | 102 | 86.2-114 | | | | |
| Magnesium - Dissolved | 13.4 | 0.050 | " | 13.5 | | 99.5 | 85.9-114 | | | | |
| Magnesium | 13.4 | 0.050 | " | 13.5 | | 99.5 | 85.9-114 | | | | |
| Potassium - Dissolved | 18.1 | 0.050 | " | 19.1 | | 94.7 | 84.8-115 | | | | |
| Potassium | 18.1 | 0.050 | " | 19.1 | | 94.7 | 84.8-115 | | | | |
| Sodium - Dissolved | 51.7 | 0.100 | " | 53.2 | | 97.1 | 85-115 | | | | |
| Sodium | 51.7 | 0.100 | " | 53.2 | | 97.1 | 85-115 | | | | |

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## Mercury by EPA 7000/200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30831 - EPA SW846-7470** | | | | | | | | | | | |
| **Blank (BB30831-BLK1)** | | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury | ND | 0.0002 | mg/L | | | | | | | | |
| **LCS (BB30831-BS1)** | | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury | 0.002402 | 0.0002 | mg/L | 0.00200 | | 120 | 80-120 | | | | |
| **LCS (BB30831-BS2)** | | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury | 0.002194 | 0.0002 | mg/L | 0.00200 | | 110 | 80-120 | | | | |
| **Batch BB30832 - EPA SW846-7470** | | | | | | | | | | | |
| **Blank (BB30832-BLK1)** | | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury - Dissolved | ND | 0.0002000 | mg/L | | | | | | | | |
| **LCS (BB30832-BS1)** | | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury - Dissolved | 0.002402 | 0.0002000 | mg/L | 0.00200 | | 120 | 80-120 | | | | |
| **Duplicate (BB30832-DUP1)** | *Source sample: 13B0612-01 (MW-1) | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury - Dissolved | ND | 0.0002000 | mg/L | | ND | | | | | 20 | |
| **Matrix Spike (BB30832-MS1)** | *Source sample: 13B0612-01 (MW-1) | | | | | | | Prepared & Analyzed: 02/27/2013 | | | |
| Mercury - Dissolved | 0.002125 | 0.0002000 | mg/L | 0.00200 | ND | 106 | 75-125 | | | | |

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## Wet Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30786 - Analysis Preparation** | | | | | | | | | | | |
| **Blank (BB30786-BLK1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent | ND | 0.0100 | mg/L | | | | | | | | |
| **LCS (BB30786-BS1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent | 0.483 | 0.0100 | mg/L | 0.500 | | 96.6 | 80-120 | | | | |
| **Duplicate (BB30786-DUP1)** | *Source sample: 13B0612-01 (MW-1) | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent | ND | 0.0100 | mg/L | | ND | | | | | 20 | |
| **Matrix Spike (BB30786-MS1)** | *Source sample: 13B0612-01 (MW-1) | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent | 0.485 | 0.0100 | mg/L | 0.500 | ND | 97.0 | 75-125 | | | | |
| **Batch BB30787 - Analysis Preparation** | | | | | | | | | | | |
| **Blank (BB30787-BLK1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent - Dissolved | ND | 0.0100 | mg/L | | | | | | | | |
| **LCS (BB30787-BS1)** | | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent - Dissolved | 0.483 | 0.0100 | mg/L | 0.500 | | 96.6 | 80-120 | | | | |
| **Duplicate (BB30787-DUP1)** | *Source sample: 13B0612-01 (MW-1) | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent - Dissolved | ND | 0.0100 | mg/L | | ND | | | | | 20 | |
| **Matrix Spike (BB30787-MS1)** | *Source sample: 13B0612-01 (MW-1) | | | | | | | Prepared & Analyzed: 02/22/2013 | | | |
| Chromium, Hexavalent - Dissolved | 0.485 | 0.0100 | mg/L | 0.500 | ND | 97.0 | 75-125 | | | | |

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ANALYTICAL LABORATORIES, INC.

## Volatile Analysis Sample Containers

| Lab ID | Client Sample ID | Volatile Sample Container |
|---|---|---|
| 13B0612-01 | MW-1 | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 13B0612-02 | MW-2 | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 13B0612-03 | MW-3 | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 13B0612-04 | Field Blank | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 13B0612-05 | Trip Blank | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |

## Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

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

HT-02 NON-COMPLIANT-This sample was received outside the EPA recommended holding time.

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.

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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Corrective Action: Client has MW-2 listed twice on Chain-of-Custody - Client has listed under Comments Lab to filter But did Not indicate What the Lab is to filter for & did Not request Any Dissolved Analyses on C-O-C - JG 02/25/2013

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

# Field Chain-of-Custody Record

Page____ of ____

**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.** 13B0612

| YOUR Information | Report to: | Invoice To: | Your Project ID | Turn-Around Time | Report/Deliverable Type |
|---|---|---|---|---|---|
| Company: Hydro Tech Env. Corp. | SAME [x] | SAME [ ] | #130027 3357-3361 3rd Avenue Bronx NY | RUSH-Same Day | Summary Report x |
| Address: 15 Ocean Ave. 2nd Fl | Name: | Name: Muslima | | RUSH-Next Day | QA Report x |
| Bklyn , NY 11225 | Company: | Company: Hydro Tech Env. Corp. | Purchase Order # | RUSH-Two Day | CT RCP |
| Phone.: 718-636-0800 | Address: | Address: 77 Arkay Dr. Suite G | 5261 | RUSH-Three Day | CT RCP DQA/DUE Pkg |
| Contact: Paul I. Matli | | Hauppauge Ny | | RUSH-Four Day | NY ASP A Package |
| E-mail: pmatli...hydrotechenvironmental.com | E-mail: | E-mail mward...hydrotechenvironmental.c | Samples from CT__NY ✓NJ__ | Standard (5-7day) **5 days** | NY ASP B Package |
| | | | | | NJDEP Reduced Deliv |
| | | | | | Excel x |
| | | | | | NYSDEC EQuIS x |
| | | | | | NJDEP SRP HazSite |
| | | | | | EQuIS |
| | | | | | GIS/KEY (std) |
| | | | | | YORK Regulatory Comp Excel compared to: NYSDEC GQS GA Standards |
| | | | | | OTHER: |

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

Samples Collected/Authorized By (Signature)

Paul I Matli
Name (printed)

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

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

| Sample Identification | Date+Time Sampled | Matrix | Analysis Requested (List above includes common analysis) | Container Description |
|---|---|---|---|---|
| MW-1 | 2/21/2013 | GW | EPA 8260/8270C/8081/8082/TAL Metals (incl.Chromium Hex) | 3x40ml via-3x500 plastic-3- 1L amber |
| MW-2 | x | x | x | x |
| MW-2 | x | x | x | x |
| Field Blank | x | DI | x | x |
| Trip Blank | x | x | EPA 8260 | 2x40ml via |

**Comments:**
x = same as before
TAL Metals to include Chrormium sps.
Apply E -designation quote for billing
Lab to filter

Preservation (check all appliable): 4°C____ Frozen____ HCl____ MeOH____ $HNO_3$____ $H_2SO_4$____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

| Samples Relinquished By | Date/Time | Samples Received By | Date/Time | Temperature on Receipt |
|---|---|---|---|---|
| Paul P Matli | 2/22 | TC Hall | 2/22/13 12:11 | 3.5 °C |
| | | Place | 2-22-13 1610 | |
| Samples Relinquished By | Date/Time | Samples Received in LAB by | Date/Time | |

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

# Field Chain-of-Custody Record

Page ___ of ___

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. 730242

| YOUR Information | Report to: | Invoice To: | Your Project ID | Turn-Around Time | Report/Deliverables Type |
|---|---|---|---|---|---|
| Company: Hydro Tech Env. Corp. | SAME [x] | SAME [ ] | #130027 | RUSH-Same Day | Summary Report |
| Address: 15 Ocean Ave. 2nd Fl | Name: | Name: Madhav | 3367-3381 3rd Avenue | RUSH-Next Day | QA Report |
| Bklyn, NY 11225 | Company: | Company: Hydro Tech Env. Corp. | Bronx NY | RUSH-Two Day | CT RCP |
| Phone: 718-638-9880 | Address: | Address: 77 Arbor Dr. Suite G | Purchase Order # | RUSH-Three Day | CT RCP Red Book |
| Contact: Paul L. Mott | | Hauppauge NY | 5161 | RUSH-Four Day | NY ASP B |
| E-mail: paul@hydrotechenvironmental.com | E-mail: | E-mail: madhav@hydrotechenvironmental.com | Samples from CT NY LI | Standard (5 Day) 5 days | NY ASP A |

*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 lab are resolved.*

Sampler's Collected/Authorized By (Signature)

Paul L Mott
Name (printed)

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

| Volatiles | | Semi-Volatiles | | Metals | Misc. Org. | Misc. Inorg. |
|---|---|---|---|---|---|---|
| 8260 full | TCL | 8270 or 625 | PAH/PCB | RCRA | Total oil & grease | Cyanide |
| 624 | Aromatics | STARS list | Metals | Total list | TPH (418.1) | TCL Inorganics |
| STARS list | Halogenated Cpds | 625 Only | 625 Phenols | | | |
| BTEX | Oxygenates | Acids Only | CT RCP | | | |
| MTBE | Ketones | BNA list | Pest. list | | | |
| TCL list | Organics | TAGM list | Herbicides | | | |
| TAGM list | TOGS list | CT RCP list | Pesticides/TOGS | | | |
| CT RCP list | 524.2 | TCL list | TCLP Metals | | | |
| Arom. only | 502.2 | NJDEP list | TCLP Volatiles | | | |
| Halogen only | NJDEP list | App. IX | Pesticides | | | |
| App IX list | SW846 TCLP | TCLP BNA | | | | |
| NJDEP list | | SW846 TCLP | GC/ECD | | | |

| Sample Identification | Date/Time Sampled | Matrix | Analysis Requested (List above includes common analysis) | Container Description |
|---|---|---|---|---|
| MW-1 | 2/21/2013 | GW | EPA 8260/8270/8081/8082/TAL Metals (Total) | |
| MW-2 | x | x | x | |
| MW-3 | x | x | | |
| Field Blank | x | DI | x | |
| Trip Blank | x | x | | |

Comments:

Relinquished by: Paul L Mott

Date/Time: 2/21/13

Received by: Paul L Mott

Date/Time: 2/21/13

Samples Received in Good Condition: [ ]

Samples Received Cold: [ ]

# APPENDIX-I

# LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

YORK
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for:

**Hydro Tech Environmental (Brooklyn)**
15 Ocean Avenue
Brooklyn NY, 11225
**Attention: Paul Matli**

Report Date: 02/26/2013
**Client Project ID: 3357-3361 3rd Ave Bronx NY**
York Project (SDG) No.: 13B0647

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: 02/26/2013
Client Project ID: 3357-3361 3rd Ave Bronx NY
York Project (SDG) No.: 13B0647

**Hydro Tech Environmental (Brooklyn)**
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 22, 2013 and listed below. The project was identified as your project: **3357-3361 3rd Ave Bronx NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 13B0647-01 | SV-1 | Soil Vapor | 02/21/2013 | 02/22/2013 |
| 13B0647-02 | SV-2 | Soil Vapor | 02/21/2013 | 02/22/2013 |
| 13B0647-03 | SV-3 | Soil Vapor | 02/21/2013 | 02/22/2013 |
| 13B0647-04 | SV-4 | Soil Vapor | 02/21/2013 | 02/22/2013 |

## General Notes for York Project (SDG) No.: 13B0647

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

**Approved By:** **Date:** 02/26/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SV-1** **York Sample ID:** **13B0647-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 5.1 | 5.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 7.0 | 7.0 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 5.3 | 5.3 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 9.0 | 9.0 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 7.8 | 7.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 108-88-3 | Toluene | **35** | | ug/m³ | 7.5 | 7.5 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 109-99-9 | Tetrahydrofuran | ND | | ug/m³ | 5.8 | 5.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 13 | 13 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 100-42-5 | Styrene | ND | | ug/m³ | 8.4 | 8.4 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 115-07-01 | Propylene | ND | | ug/m³ | 3.4 | 3.4 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 622-96-8 | p-Ethyltoluene | ND | | ug/m³ | 49 | 49 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 1330-20-7P/M | p- & m- Xylenes | **51** | | ug/m³ | 8.6 | 8.6 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 95-47-6 | o-Xylene | **25** | | ug/m³ | 8.6 | 8.6 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 7.0 | 7.0 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 8.1 | 8.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-09-2 | Methylene chloride | **14** | | ug/m³ | 6.9 | 6.9 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 7.1 | 7.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 8.1 | 8.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 4.9 | 4.9 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 21 | 21 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 100-41-4 | Ethyl Benzene | **17** | | ug/m³ | 8.6 | 8.6 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 141-78-6 | Ethyl acetate | ND | | ug/m³ | 7.1 | 7.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 6.8 | 6.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 9.0 | 9.0 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 7.8 | 7.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 4.1 | 4.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 67-66-3 | Chloroform | **17** | | ug/m³ | 9.7 | 9.7 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 5.2 | 5.2 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 6.2 | 6.2 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 6.2 | 6.2 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 7.7 | 7.7 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-25-2 | Bromoform | ND | | ug/m³ | 20 | 20 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 12 | 12 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 10 | 10 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |

YORK
ANALYTICAL LABORATORIES, INC.

## Sample Information

**Client Sample ID:** **SV-1** **York Sample ID:** **13B0647-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-43-2 | Benzene | ND | | ug/m³ | 6.3 | 6.3 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 67-64-1 | Acetone | **130** | | ug/m³ | 4.7 | 4.7 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 591-78-6 | 2-Hexanone | ND | | ug/m³ | 8.1 | 8.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 5.8 | 5.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 7.1 | 7.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 12 | 12 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 12 | 12 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 8.6 | 8.6 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 108-67-8 | 1,3,5-Trimethylbenzene | **14** | | ug/m³ | 9.7 | 9.7 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 14 | 14 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 9.1 | 9.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 8.0 | 8.0 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 12 | 12 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 95-63-6 | 1,2,4-Trimethylbenzene | **27** | | ug/m³ | 9.7 | 9.7 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 15 | 15 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 7.8 | 7.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 8.0 | 8.0 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 11 | 11 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 11 | 11 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 76-13-1 | 1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/m³ | 15 | 15 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 14 | 14 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 11 | 11 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 9.8 | 9.8 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 15 | 15 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 16 | 16 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 8.1 | 8.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 9.1 | 9.1 | 19.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:07 | TD |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *88.7 %* | *70-130* |

## Sample Information

**Client Sample ID:** **SV-2** **York Sample ID:** **13B0647-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SV-2** **York Sample ID:** **13B0647-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 5.6 | 5.6 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 7.7 | 7.7 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 5.9 | 5.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 10 | 10 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 8.7 | 8.7 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 108-88-3 | Toluene | **74** | | ug/m³ | 8.3 | 8.3 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 109-99-9 | Tetrahydrofuran | ND | | ug/m³ | 6.5 | 6.5 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 127-18-4 | Tetrachloroethylene | **61** | | ug/m³ | 15 | 15 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 100-42-5 | Styrene | ND | | ug/m³ | 9.4 | 9.4 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 115-07-01 | Propylene | ND | | ug/m³ | 3.8 | 3.8 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 622-96-8 | p-Ethyltoluene | ND | | ug/m³ | 54 | 54 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 1330-20-7P/M | p- & m- Xylenes | **77** | | ug/m³ | 9.6 | 9.6 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 95-47-6 | o-Xylene | **33** | | ug/m³ | 9.6 | 9.6 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 7.8 | 7.8 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 9.0 | 9.0 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-09-2 | Methylene chloride | **17** | | ug/m³ | 7.6 | 7.6 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 7.9 | 7.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 9.0 | 9.0 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 5.4 | 5.4 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 23 | 23 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 100-41-4 | Ethyl Benzene | **23** | | ug/m³ | 9.6 | 9.6 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 141-78-6 | Ethyl acetate | ND | | ug/m³ | 7.9 | 7.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 7.6 | 7.6 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 10 | 10 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 8.7 | 8.7 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 4.5 | 4.5 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 67-66-3 | Chloroform | **14** | | ug/m³ | 11 | 11 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 5.8 | 5.8 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 6.9 | 6.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-15-0 | Carbon disulfide | **6.9** | | ug/m³ | 6.9 | 6.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 8.5 | 8.5 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-25-2 | Bromoform | ND | | ug/m³ | 23 | 23 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 14 | 14 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 11 | 11 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 71-43-2 | Benzene | ND | | ug/m³ | 7.0 | 7.0 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |

YORK
ANALYTICAL LABORATORIES, INC.

## Sample Information

**Client Sample ID:** **SV-2** **York Sample ID:** **13B0647-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 67-64-1 | Acetone | **290** | | ug/m³ | 5.2 | 5.2 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 591-78-6 | 2-Hexanone | ND | | ug/m³ | 9.0 | 9.0 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 6.5 | 6.5 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 7.9 | 7.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 13 | 13 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 13 | 13 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 9.5 | 9.5 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 108-67-8 | 1,3,5-Trimethylbenzene | **16** | | ug/m³ | 11 | 11 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 15 | 15 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 10 | 10 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 8.9 | 8.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 13 | 13 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 95-63-6 | 1,2,4-Trimethylbenzene | **41** | | ug/m³ | 11 | 11 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 16 | 16 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 8.7 | 8.7 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 8.9 | 8.9 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | **19** | | ug/m³ | 12 | 12 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 12 | 12 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 76-13-1 | 1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/m³ | 17 | 17 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 15 | 15 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 71-55-6 | 1,1,1-Trichloroethane | **29** | | ug/m³ | 12 | 12 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 11 | 11 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 17 | 17 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 18 | 18 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 9.0 | 9.0 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 10 | 10 | 21.63 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 01:51 | TD |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *92.9 %* | *70-130* |

## Sample Information

**Client Sample ID:** **SV-3** **York Sample ID:** **13B0647-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

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

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SV-3** **York Sample ID:** **13B0647-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 7.1 | 7.1 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 9.8 | 9.8 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 7.4 | 7.4 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 13 | 13 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 108-88-3 | Toluene | **71** | | ug/m³ | 10 | 10 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 109-99-9 | Tetrahydrofuran | ND | | ug/m³ | 8.2 | 8.2 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 127-18-4 | Tetrachloroethylene | **32** | | ug/m³ | 19 | 19 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 100-42-5 | Styrene | ND | | ug/m³ | 12 | 12 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 115-07-01 | Propylene | ND | | ug/m³ | 4.8 | 4.8 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 622-96-8 | p-Ethyltoluene | ND | | ug/m³ | 68 | 68 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 1330-20-7P/M | p- & m- Xylenes | **60** | | ug/m³ | 12 | 12 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 95-47-6 | o-Xylene | **25** | | ug/m³ | 12 | 12 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 9.8 | 9.8 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-09-2 | Methylene chloride | **20** | | ug/m³ | 9.6 | 9.6 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 10 | 10 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 6.8 | 6.8 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 30 | 30 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 100-41-4 | Ethyl Benzene | **19** | | ug/m³ | 12 | 12 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 141-78-6 | Ethyl acetate | ND | | ug/m³ | 10 | 10 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 9.5 | 9.5 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 13 | 13 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 5.7 | 5.7 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 67-66-3 | Chloroform | ND | | ug/m³ | 14 | 14 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 7.3 | 7.3 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 8.7 | 8.7 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 8.6 | 8.6 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-25-2 | Bromoform | ND | | ug/m³ | 29 | 29 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 17 | 17 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 14 | 14 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 71-43-2 | Benzene | ND | | ug/m³ | 8.9 | 8.9 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 67-64-1 | Acetone | **250** | | ug/m³ | 6.6 | 6.6 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |

YORK
ANALYTICAL LABORATORIES, INC.

## Sample Information

**Client Sample ID:** **SV-3** **York Sample ID:** **13B0647-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

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

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | 2-Hexanone | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 8.2 | 8.2 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 10 | 10 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 17 | 17 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 17 | 17 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 12 | 12 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 14 | 14 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 19 | 19 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 13 | 13 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 17 | 17 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 95-63-6 | 1,2,4-Trimethylbenzene | **29** | | ug/m³ | 14 | 14 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 21 | 21 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 16 | 16 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 15 | 15 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 76-13-1 | 1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/m³ | 21 | 21 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 19 | 19 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 15 | 15 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 14 | 14 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 21 | 21 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 22 | 22 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 11 | 11 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 13 | 13 | 27.24 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 02:35 | TD |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 460-00-4 | *Surrogate: p-Bromofluorobenzene* | *92.4 %* | *70-130* |

## Sample Information

**Client Sample ID:** **SV-4** **York Sample ID:** **13B0647-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

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

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SV-4** **York Sample ID:** **13B0647-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 4.3 | 4.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 5.9 | 5.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 4.5 | 4.5 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 7.6 | 7.6 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 6.6 | 6.6 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 108-88-3 | Toluene | **50** | | ug/m³ | 6.3 | 6.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 109-99-9 | Tetrahydrofuran | ND | | ug/m³ | 4.9 | 4.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 11 | 11 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 100-42-5 | Styrene | ND | | ug/m³ | 7.1 | 7.1 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 115-07-01 | Propylene | ND | | ug/m³ | 2.9 | 2.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 622-96-8 | p-Ethyltoluene | ND | | ug/m³ | 41 | 41 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 1330-20-7P/M | p- & m- Xylenes | **36** | | ug/m³ | 7.3 | 7.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 95-47-6 | o-Xylene | **15** | | ug/m³ | 7.3 | 7.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 5.9 | 5.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 6.9 | 6.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-09-2 | Methylene chloride | **14** | | ug/m³ | 5.8 | 5.8 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 6.0 | 6.0 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 6.9 | 6.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 4.1 | 4.1 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 18 | 18 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 100-41-4 | Ethyl Benzene | **12** | | ug/m³ | 7.3 | 7.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 141-78-6 | Ethyl acetate | ND | | ug/m³ | 6.0 | 6.0 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 5.8 | 5.8 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 7.6 | 7.6 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 6.6 | 6.6 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 3.5 | 3.5 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 67-66-3 | Chloroform | **62** | | ug/m³ | 8.2 | 8.2 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 4.4 | 4.4 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 5.3 | 5.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 5.2 | 5.2 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 6.5 | 6.5 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-25-2 | Bromoform | ND | | ug/m³ | 17 | 17 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 10 | 10 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 8.7 | 8.7 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 71-43-2 | Benzene | ND | | ug/m³ | 5.3 | 5.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 67-64-1 | Acetone | **110** | | ug/m³ | 4.0 | 4.0 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |

YORK
ANALYTICAL LABORATORIES, INC.

# Sample Information

**Client Sample ID:** **SV-4** **York Sample ID:** **13B0647-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 13B0647 | 3357-3361 3rd Ave Bronx NY | Soil Vapor | February 21, 2013 3:00 pm | 02/22/2013 |

## Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | MDL | RL | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | 2-Hexanone | ND | | ug/m³ | 6.9 | 6.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 4.9 | 4.9 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 6.0 | 6.0 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 10 | 10 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 10 | 10 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 7.3 | 7.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 8.2 | 8.2 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 12 | 12 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 7.7 | 7.7 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 6.8 | 6.8 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 10 | 10 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 95-63-6 | 1,2,4-Trimethylbenzene | **15** | | ug/m³ | 8.2 | 8.2 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 12 | 12 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 6.6 | 6.6 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 6.8 | 6.8 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 9.4 | 9.4 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 9.1 | 9.1 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 76-13-1 | 1,2-Trichloro-1,2,2-trifluoroethane (Freon 113 | ND | | ug/m³ | 13 | 13 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 11 | 11 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 9.1 | 9.1 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 8.3 | 8.3 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 13 | 13 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 13 | 13 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 6.8 | 6.8 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 7.7 | 7.7 | 16.46 | EPA Compendium TO-15 | 02/25/2013 09:00 | 02/26/2013 03:18 | TD |

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

YORK
ANALYTICAL LABORATORIES, INC.

# Analytical Batch Summary

**Batch ID:** BB30852 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 13B0647-01 | SV-1 | 02/25/13 |
| 13B0647-02 | SV-2 | 02/25/13 |
| 13B0647-03 | SV-3 | 02/25/13 |
| 13B0647-04 | SV-4 | 02/25/13 |
| BB30852-BLK1 | Blank | 02/25/13 |
| BB30852-BS1 | LCS | 02/25/13 |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30852 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB30852-BLK1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Vinyl Chloride | ND | 0.26 | ug/m³ | | | | | | | | |
| Vinyl acetate | ND | 0.36 | " | | | | | | | | |
| Trichloroethylene | ND | 0.27 | " | | | | | | | | |
| trans-1,3-Dichloropropylene | ND | 0.46 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.40 | " | | | | | | | | |
| Toluene | ND | 0.38 | " | | | | | | | | |
| Tetrahydrofuran | ND | 0.30 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.69 | " | | | | | | | | |
| Styrene | ND | 0.43 | " | | | | | | | | |
| Propylene | ND | 0.18 | " | | | | | | | | |
| p-Ethyltoluene | ND | 2.5 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.44 | " | | | | | | | | |
| o-Xylene | ND | 0.44 | " | | | | | | | | |
| n-Hexane | ND | 0.36 | " | | | | | | | | |
| n-Heptane | ND | 0.42 | " | | | | | | | | |
| Methylene chloride | ND | 0.35 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.37 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.42 | " | | | | | | | | |
| Isopropanol | ND | 0.25 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 1.1 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.44 | " | | | | | | | | |
| Ethyl acetate | ND | 0.37 | " | | | | | | | | |
| Cyclohexane | ND | 0.35 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.46 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.40 | " | | | | | | | | |
| Chloromethane | ND | 0.21 | " | | | | | | | | |
| Chloroform | ND | 0.50 | " | | | | | | | | |
| Chloroethane | ND | 0.27 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.32 | " | | | | | | | | |
| Carbon disulfide | ND | 0.32 | " | | | | | | | | |
| Bromomethane | ND | 0.39 | " | | | | | | | | |
| Bromoform | ND | 1.1 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.63 | " | | | | | | | | |
| Benzyl chloride | ND | 0.53 | " | | | | | | | | |
| Benzene | ND | 0.32 | " | | | | | | | | |
| Acetone | ND | 0.24 | " | | | | | | | | |
| 2-Hexanone | ND | 0.42 | " | | | | | | | | |
| 2-Butanone | ND | 0.30 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.37 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.61 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.61 | " | | | | | | | | |
| 1,3-Butadiene | ND | 0.44 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.50 | " | | | | | | | | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.71 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.47 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.41 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.61 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.50 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.75 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.40 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.41 | " | | | | | | | | |
| Trichlorofluoromethane (Freon 11) | ND | 0.57 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.55 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.78 | " | | | | | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30852 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BB30852-BLK1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.70 | ug/m³ | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.55 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.50 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.78 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.82 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.42 | " | | | | | | | | |
| Chlorobenzene | ND | 0.47 | " | | | | | | | | |
| *Surrogate: p-Bromofluorobenzene* | *8.77* | | *ppbv* | *10.0* | | *87.7* | *70-130* | | | | |
| **LCS (BB30852-BS1)** | | | | | | | | Prepared & Analyzed: 02/25/2013 | | | |
| Vinyl Chloride | 11.6 | | ppbv | 10.1 | | 115 | 70-130 | | | | |
| Vinyl acetate | 5.46 | | " | 9.70 | | 56.3 | 58.1-135 | Low Bias | | | |
| Trichloroethylene | 11.0 | | " | 10.2 | | 107 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 9.04 | | " | 9.90 | | 91.3 | 62-135 | | | | |
| trans-1,2-Dichloroethylene | 9.62 | | " | 9.50 | | 101 | 58.3-130 | | | | |
| Toluene | 12.7 | | " | 10.8 | | 117 | 64.9-126 | | | | |
| Tetrahydrofuran | 12.8 | | " | 10.2 | | 125 | 44.6-146 | | | | |
| Tetrachloroethylene | 10.8 | | " | 10.5 | | 103 | 70-130 | | | | |
| Styrene | 14.0 | | " | 10.7 | | 131 | 66.4-132 | | | | |
| Propylene | 14.8 | | " | 11.0 | | 134 | 62.4-150 | | | | |
| p-Ethyltoluene | 11.8 | | " | 10.4 | | 113 | 73.8-146 | | | | |
| p- & m- Xylenes | 26.1 | | " | 21.0 | | 124 | 56.6-136 | | | | |
| o-Xylene | 12.1 | | " | 10.8 | | 112 | 67.8-133 | | | | |
| n-Hexane | 11.7 | | " | 10.3 | | 114 | 59.7-130 | | | | |
| n-Heptane | 12.3 | | " | 10.4 | | 118 | 62.3-134 | | | | |
| Methylene chloride | 9.18 | | " | 10.0 | | 91.8 | 62.6-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 12.2 | | " | 10.2 | | 120 | 60.7-139 | | | | |
| 4-Methyl-2-pentanone | 12.0 | | " | 10.0 | | 120 | 64.5-158 | | | | |
| Isopropanol | 8.43 | | " | 9.90 | | 85.2 | 60-150 | | | | |
| Hexachlorobutadiene | 15.2 | | " | 11.0 | | 138 | 61.2-150 | | | | |
| Ethyl Benzene | 13.0 | | " | 10.7 | | 121 | 68.4-125 | | | | |
| Ethyl acetate | 13.3 | | " | 10.0 | | 133 | 40.6-150 | | | | |
| Cyclohexane | 11.4 | | " | 10.2 | | 112 | 60.4-127 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.7 | | 99.1 | 65.5-129 | | | | |
| cis-1,2-Dichloroethylene | 10.4 | | " | 10.5 | | 98.9 | 51.3-118 | | | | |
| Chloromethane | 11.2 | | " | 10.1 | | 111 | 64.9-130 | | | | |
| Chloroform | 9.44 | | " | 10.0 | | 94.4 | 65.1-130 | | | | |
| Chloroethane | 12.2 | | " | 10.1 | | 120 | 52.1-131 | | | | |
| Carbon tetrachloride | 9.53 | | " | 10.1 | | 94.4 | 70-130 | | | | |
| Carbon disulfide | 9.12 | | " | 10.0 | | 91.2 | 61.8-111 | | | | |
| Bromomethane | 9.02 | | " | 10.2 | | 88.4 | 60.1-140 | | | | |
| Bromoform | 13.2 | | " | 10.5 | | 125 | 58.7-150 | | | | |
| Bromodichloromethane | 11.0 | | " | 10.2 | | 108 | 65.3-127 | | | | |
| Benzyl chloride | 6.26 | | " | 10.2 | | 61.4 | 62.5-150 | Low Bias | | | |
| Benzene | 10.4 | | " | 10.4 | | 99.9 | 69.5-130 | | | | |
| Acetone | 10.2 | | " | 10.0 | | 102 | 55.3-133 | | | | |
| 2-Hexanone | 10.8 | | " | 10.1 | | 107 | 52-150 | | | | |
| 2-Butanone | 9.81 | | " | 10.0 | | 98.1 | 28.5-154 | | | | |
| 1,4-Dioxane | 12.9 | | " | 10.2 | | 126 | 50-150 | | | | |
| 1,4-Dichlorobenzene | 10.6 | | " | 10.6 | | 100 | 62.5-139 | | | | |
| 1,3-Dichlorobenzene | 13.3 | | " | 10.2 | | 130 | 71.9-153 | | | | |
| 1,3-Butadiene | 12.5 | | " | 10.5 | | 119 | 66.7-127 | | | | |
| 1,3,5-Trimethylbenzene | 11.9 | | " | 10.6 | | 112 | 65-152 | | | | |
| 1,2-Dichlorotetrafluoroethane | 10.9 | | " | 10.1 | | 108 | 63.3-129 | | | | |

YORK
ANALYTICAL LABORATORIES, INC.

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BB30852 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BB30852-BS1)** | | | | | | | Prepared & Analyzed: 02/25/2013 | | | | |
| 1,2-Dichloropropane | 11.2 | | ppbv | 10.7 | | 105 | 21.3-152 | | | | |
| 1,2-Dichloroethane | 10.4 | | " | 10.4 | | 100 | 51.2-124 | | | | |
| 1,2-Dichlorobenzene | 10.4 | | " | 10.6 | | 98.3 | 63.7-148 | | | | |
| 1,2,4-Trimethylbenzene | 15.9 | | " | 10.7 | | 148 | 67.9-152 | | | | |
| 1,2,4-Trichlorobenzene | 16.9 | | " | 11.0 | | 154 | 58-147 | High Bias | | | |
| 1,1-Dichloroethylene | 10.2 | | " | 9.80 | | 104 | 58.1-130 | | | | |
| 1,1-Dichloroethane | 9.58 | | " | 10.2 | | 93.9 | 63.3-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 10.1 | | " | 10.5 | | 96.2 | 56-132 | | | | |
| 1,1,2-Trichloroethane | 11.4 | | " | 10.7 | | 106 | 66-127 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.11 | | " | 9.70 | | 93.9 | 60.2-125 | | | | |
| 1,1,2,2-Tetrachloroethane | 12.6 | | " | 10.8 | | 117 | 63.7-132 | | | | |
| 1,1,1-Trichloroethane | 10.1 | | " | 10.4 | | 97.4 | 58.2-126 | | | | |
| Dichlorodifluoromethane | 10.3 | | " | 10.0 | | 103 | 62.8-133 | | | | |
| 1,2-Dibromoethane | 10.5 | | " | 10.6 | | 99.2 | 70-130 | | | | |
| Dibromochloromethane | 12.2 | | " | 10.6 | | 115 | 70-130 | | | | |
| Methyl Methacrylate | 10.8 | | " | 10.1 | | 107 | 70-130 | | | | |
| Chlorobenzene | 11.3 | | " | 10.8 | | 105 | 67.6-122 | | | | |
| *Surrogate: p-Bromofluorobenzene* | *10.9* | | *"* | *10.0* | | *109* | *70-130* | | | | |

## Notes and Definitions

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

---

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

---

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

# Field Chain-of-Custody Record - AIR



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

**York Project No.** 13B0647

| YOUR Information | Report To: | Invoice To: | YOUR Project ID | Turn-Around Time | Report Type/Deliverables |
|---|---|---|---|---|---|
| Company: Hydrotechnic Grp. Corp | Company: | Company: SAME | 3357-3361 3rd Ave Bronx NY | RUSH - Same Day ☐ | Summary Report ✓ |
| Address: 15 Ocean Ave 2nd Fl Brooklyn NY | Address: SAME | Address: | Purchase Order No. 5260 | RUSH - Next Day ☐ | Summary w/ QA Summary ✓ |
| Phone No. 718 636 0800 | Phone No. | Phone No. 631 462 5866 | | RUSH - Two Day ☐ | CT RCP Package |
| Contact Person: Paul I Math | Attention: | Attention: Mushia | | RUSH - Three Day ☐ | NY ASP A Package |
| E-Mail Address: pmath@hydrotechnic.com | E-Mail Address: | E-Mail Address: | Samples from: CT___ NY ✓ NJ___ | RUSH - Four Day ☐ | NY ASP B/CLP Pkg |
| | | | | Standard(5-7 Days) ✓ | NJDEP Reduced |
| | | | | | *Electronic Deliverables:* |
| | | | | | EDD (Specify Type) ✓ |
| | | | | | Standard Excel ✓ |
| | | | | | Regulatory Comparison Excel ✓ |

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

Paul I. Math
Samples Collected/Authorized By (Signature)

Paul I Math
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 0.5 µg/m³

**Special Instructions**

| Sample Identification | Date Sampled | AIR Matrix | Canister Vacuum Before Sampling (in. Hg) | Canister Vacuum Afer Sampling (in. Hg) | Choose Analyses Needed from the Menu Above and Enter Below | Sampling Media |
|---|---|---|---|---|---|---|
| SV-1 | 2/21/13 | AS | -30 | -5.0 | EPA TO-15 | 6 Liter Summa canister 6hr / Tedlar Bag |
| SV-2 | ✓ | ✓ | -30 | -7.5 | ✓ | 6 Liter Summa canister ✓ / Tedlar Bag |
| SV-3 | ✓ | ✓ | -30 | -15.0 | ✓ | 6 Liter Summa canister ✓ / Tedlar Bag |
| SV-4 | ✓ | ✓ | -30 | -3.5 | ✓ | 6 Liter Summa canister ✓ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister___ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister___ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister___ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister___ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister___ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister___ / Tedlar Bag |

Comments
✓ = same as before
Samples referred to by project # 130027

Paul I. Math 2/22/13
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

TC Patel 2/22/13 12:11
Samples Received By Date/Time

J. Patel 2/22/13 - 1610
Samples Received in LAB by Date/Time

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

# Field Chain-of-Custody Record - AIR

Page 1 of 1

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. 13B0647

**YOUR Information**
Company: Hydro Tech Env. Corp
Address: 15 Oleg Ave 2nd Fl Brooklyn NY
Phone No. 718 636 0800
Contact Person: Paul I Math
E-Mail Address: pmath@hydrotechenvcorp.com

**Report To:**
Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

**Invoice To:**
Company: SAME
Address:
Phone No. 631 462 5866
Attention: Nushia
E-Mail Address:

**YOUR Project ID**
3357-3361 3rd Ave Bronx NY

**Purchase Order No.**
5260

Samples from: CT___ NY ✓ NJ___

**Turn-Around Time**
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☑

**Report Type/Deliverables**
Summary Report ✓
Summary w/ QA Summary ✓
CT RCP Package
NY ASP A Package
NY ASP B/CLP Pkg
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): Paul I. Math
Name (printed): Paul I Math

**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 0.5 µg/m³

**Special Instructions**

| Sample Identification | Date Sampled | AIR Matrix | Canister Vacuum Before Sampling (in. Hg) | Canister Vacuum After Sampling (in. Hg) | Choose Analyses Needed from the Menu Above and Enter Below | Sampling Media |
|---|---|---|---|---|---|---|
| SV-1 | 2/21/13 | AS | -30 | -5.0 | EPA TO-15 | 6 Liter Summa canister 6hr / Tedlar Bag |
| SV-2 | ✓ | ✓ | -30 | -7.5 | ✓ | 6 Liter Summa canister ✓ / Tedlar Bag |
| SV-3 | ✓ | ✓ | -30 | -15.0 | ✓ | 6 Liter Summa canister ✓ / Tedlar Bag |
| SV-4 | ✓ | ✓ | -30 | -3.5 | ✓ | 6 Liter Summa canister ✓ / Tedlar Bag |
| | | | | | | 6 Liter Summa canister / Tedlar Bag |
| | | | | | | 6 Liter Summa canister / Tedlar Bag |
| | | | | | | 6 Liter Summa canister / Tedlar Bag |
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| | | | | | | 6 Liter Summa canister / Tedlar Bag |
| | | | | | | 6 Liter Summa canister / Tedlar Bag |

Edesguitheri Chute

Comments
✓ = same as before
Samples referred to project # 13009.7

Samples Relinquished By: Paul I. Math — Date/Time: 2/22/13
Samples Relinquished By — Date/Time:
Samples Received By: TC Patel — Date/Time: 2/22/13 12:11
Samples Received in LAB by — Date/Time: