79 CLAY STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Number: 14CVCP174K

E-Designation Site Number: # 14EHAZ145K

Prepared for:

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LIST OF ACRONYMS

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

CERTIFICATION

I, Chawinie Miller, 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 Redevelopment Project located at 79 Clay Street, Brooklyn, NY, (NYC VCP Site No. 14CVCP174k). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 79 Clay Street in the Williamsburg section of Brooklyn, New York, and is identified as Block 2483 and Lot 61 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 2,500-square feet and is bounded by Block 2483 Lot 12, a parking lot to the north, Clay Street to the south, beyond which is Block 2488 Lot 11, a residential building, Block 2483 Lot 60, a commercial building to the east, and Block 2483 Lot 62, a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant land.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a four-story residential building with a cellar. The building will cover 65% of the lot. The cellar will be utilized for the boiler room, storage, sprinkler room and electrical room. The building will have a total of 8 apartment units. Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-2; manufacturing and residential R6A. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

From 1887 to 1951, the Site was developed with one (1) three-story residential building. From 1978 to present the site has been vacant land.

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 2 feet below grade.

Summary of the Work Performed under the Remedial Investigation

Urban View Development performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the entire project Site, and collected eight soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three monitoring wells and collected three groundwater samples; and
4. Installed three soil vapor probes around Site perimeter and collected three soil vapor samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 13 to 14 feet.
2. Depth to groundwater ranges from 4.68 to 9.83 feet at the Site.
3. Groundwater flow is generally from north to south beneath the Site.
4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of 2 feet of historical fill underlain by brown silty sand.
6. Laboratory analytical results indicate the presence of trace levels of several VOCs in soil samples, but none of those exceeded Unrestricted Use SCOs. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were found within two shallow soil samples exceeding Unrestricted Use SCOs as well as Restricted Residential SCOs. These SVOCs included benzo(a)anthracene (max. of 12.7 ppm), benzo(a)pyrene (max. of 11.4 ppm), benzo(b)fluoranthene (max. of 9.5 ppm), benzo-(k)fluoranthene (max. of 12.2 ppm), chrysene (max. of 12.5 ppm), dibenzo(a,h)anthracene (max. of 3.9 ppm), and indeno(1,2,3-cd)pyrene (max. of 7.5 ppm). Three pesticides 4,4'-DDD (max. of .415mg/Kg); 4,4'-DDE (max. of 0.89 mg/Kg); and 4,4'-DDT (max. of 8.31 mg/Kg) were detected above Unrestricted Use SCOs in shallow soil samples. DDT also exceeded Restricted Residential SCO in one sample. Metals including arsenic (at 29 mg/Kg), barium (max. of 1160 mg/Kg), chromium trivalent (max. of 60.8 mg/Kg), copper (max. of 274 mg/Kg), lead (max. of 1480 mg/Kg), nickel (at 32.6 mg/Kg), selenium (max. of 9 mg/Kg), and zinc (max. of 615 mg/Kg) were detected at concentrations above Unrestricted Use SCOs in all shallow and two deep soils. Of these, arsenic, barium, chromium trivalent, copper and

lead also exceeded the Restricted Residential SCOs. Findings of the RI were consistent with observations for historical fill sites in areas throughout NYC.

7. Groundwater samples collected during the investigations showed trace concentrations of several VOCs including 2-Butanone (4.5 ug/L), acetone (max. of 25 ug/L), MTBE (at 3.3 ug/l), naphthalene (3.4 ug/L) and toluene (1.2 ug/L) in two of three monitoring wells. None of these VOCs exceeded NYSDEC Part 703.5 Groundwater Quality Standards (GQS). One PAH related SVOC, Bis(2-ethylhexyl)phthalate (at 6.2 ug/L) exceeded its GQS. Three pesticides were detected in one groundwater sample at trace concentrations, below their respective GQS. Dissolved metals including magnesium, manganese and selenium were identified above GQS.

8. Soil vapor samples collected during the RI showed moderate levels of petroleum related and low levels of chlorinated VOCs in all soil vapor samples. Total concentrations of petroleum-related VOCs (BTEX) ranged from 856 $\mu g/m^3$ to 1,775 $\mu g/m^3$. Overall the highest reported concentrations were for acetone (maximum of 3,700 $\mu g/m^3$). Chlorinated VOCs including tetrachloroethene (PCE) was detected in all soil vapor samples at a maximum concentration of 4.4 $\mu g/m^3$, carbon tetrachloride was detected in two samples at a maximum concentration of 0.56 $\mu g/m^3$. Trichloroethene (TCE) was detected in all soil vapor samples at a maximum concentration of 1.34 $\mu g/m^3$ and 1,1,1-Trichloroethane (TCA) was non detected. Chlorinated VOCs concentrations were below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Urban View Development has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.05-acre Site located at 79 Clay in the Williamsburg section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between September 6, 2013, and September 19, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy

that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 79 Clay Street in the Williamsburg section of Brooklyn, New York, and is identified as Block 2483 and Lot 61 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 2,500-square feet and is bounded by Block 2483 Lot 12, a parking lot to the north, Clay Street to the south, beyond which is Block 2488 Lot 11, a residential building, Block 2483 Lot 60, a commercial building to the east, and Block 2483 Lot 62, a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant land.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a four-story residential building with a cellar. The building will cover 65% of the lot. The cellar will be utilized for the boiler room, storage, sprinkler room and electrical room. The building will have a total of 8 apartment units. Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-2; manufacturing and residential R6A. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and industrial properties. Figure 4 shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals, daycare facilities or schools are located within a 250 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – Adjacent property	Block 2483, Lot 12 (46 Box Street) – Developed as a parking lot.
South – Adjacent property	Block 2266, Lot 34 (90 Clay Street) – developed with a residential building
East – Opposite side of Throop Avenue	Block 2483, Lot 60 (81 Clay Street) – Developed with a commercial building.
West – Adjacent	Block 2483, Lot 62 (77 Clay Street) – Developed with a residential building.

property	

2.0 SITE HISTORY

2.1 Past Uses and Ownership

From 1887 to 1951, the Site was developed with one (1) three-story residential building. From 1978 to present the site has been vacant land.

2.2 Previous Investigations

A Site Investigation Repot was conducted on January 18, 2013 by Hydro Tech Environmental. The investigation consisted of the installation and sampling of three (3) soil probes; SP-1 was installed in the southern portion, SP-2 in the central portion and SP-3 in the northern portion. The three soil probes were installed to 14 feet below grade surface (bgs) and were then converted into three monitoring wells MW-1, MW-2 and MW-3. Each monitoring well was installed to the depth of 20 bgs.

Two soil samples were collected from each soil probe. Those selected included a shallow soil sample from zero to 2 feet in all three soil probes, the 10-12 foot sample from SP-1 and SP-2 and the 6 to 8 foot sample from SP-3. The soil and groundwater samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides and Polychlorinated Biphenyls (PCBs) via EPA Method 8081/8082 and Target Analyte List (TAL) Metals (filtered and unfiltered). In addition a QA/QC field blank and trip blanks were also collected during this investigation.

The field characterization of the soil probes indicates the general soil type beneath the Site consists of medium grained sand with pebbles. Evidence of fill material consisting of glass and bricks was identified in all soil probes from zero to 12 feet bgs. None of the soil samples exhibited visual/olfactory evidence of petroleum constituents. The depth to groundwater beneath the Site ranges from 4.68 feet to 9.83 feet bgs. The groundwater flow direction beneath the Site was determined to be toward the south.

Laboratory analytical results indicate the presence seven SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) and linked with the presence of historic fill material were found in the shallow sample from SP-1 and SP-2 in excess of Track 1 Unrestricted Use SCOs (SCOs)

and Track 2 Restricted Residential SCOs (RSCOs). Pesticides including DDD, DDE and DDT were detected in shallow soil samples from SP-1 and SP-2 at concentrations above the Track 1 SCOs, with DDT also exceeded the Track 2 Residential SCO in the shallow soil from SP-1. DDT also occurred in the deep sample from SP-1 at a concentration in exceedance of Track 1 SCO. Metals including arsenic, barium, chromium trivalent, copper, lead, nickel, selenium, and zinc were detected at concentrations above Track 1 SCOs in all shallow soils from SP-1, SP-2 and SP-3 and also in the deep samples from SP-1 and SP-2. Among these, arsenic, barium, chromium trivalent, copper and lead also exceeded the Track 2 Residential SCOs.

VOCs are detected in the groundwater samples from MW-1, MW-2 and MW-3 and pesticides were detected in groundwater sample from MW-1 at concentrations exceeding their respective method detection limit but less than GQS. One individual PAH marginally exceeded its GQS in the groundwater sample from MW-3. Dissolved magnesium, manganese and selenium were identified above GQS in groundwater samples collected beneath the Site. These metals were also detected in the soil beneath the Site above their respective standards.

2.3 Site Inspection

Mr. Dominick Mosca of EBC performed the site inspection on Thursday, September 6, 2013, beginning at approximately 8:00 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties. At the time of the inspection, the Site consisted of an undeveloped/vacant lot. A 6 foot high chain link fence was present along Clay Street. The groundcover consisted of soil and vegetation over the entire lot.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 2 feet below grade.

A copy of the Phase 1 Report is presented in Attachment A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Chawinie Miller.

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Urban View Development performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed one soil borings across the entire project Site, and collected two soil samples for chemical analysis from the soil borings to evaluate soil quality; and
3. Installed three soil vapor probes around Site perimeter and collected three samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

The one soil boring location was chosen to gain representative soil and groundwater quality information across the Site. Soil samples were collected continuously from grade to a final depth of 10 feet below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were obtained from any of the soil borings.

One soil sample was retained from each soil boring representing the interval 0 to 2 feet below grade and one soil sample was retained from each soil boring representing the interval 4 to 6 feet below grade.

Boring logs were prepared by a Qualified Environmental Professional and are attached in Attachment B. A map showing the location of soil borings and monitor wells is shown in Figure 5.

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

Two soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2 through 5. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

The two soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals.

Soil Vapor Sampling

Three soil vapor probes were installed and three soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 6. Soil vapor sampling logs are included in Attachment D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The three soil vapor implants were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor implants is shown on Figure 5. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The implants were installed to a depth of four feet below grade at all locations. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the four implants installed on September 6, 2013, sampling was conducted on September 19, 2013. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the ample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the three vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow

control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (Attachment E). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Subsurface soil at the Site consisted of historic fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty-sand matrix. The layer of historic fill extended to a depth ranging from ground surface to approximately two feet below grade. Native soil consisting of brown silty sand is present below the historic fill layer.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2 through 5. Results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. A copy of the laboratory report is provided in Attachment E. Figure 6 shows the location and posts the values for soil/fill that exceeds UUSCOs and RRSCOs.

Additional soil samples were collected in a previous investigation conducted in January 2013 and are included in the Previous Investigations Section 2.2. The data from this investigation is included in the findings profile.

Soil/fill samples collected during the RI were non-detect for VOCs and PCBs. No SVOCs were detected above Unrestricted Use SCOs (UUSOCs) in both samples. The SVOCs detected are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Two pesticides were detected in the deep samples above UUSCOs and included 4,4' –DDT (max. of 15 µg/Kg) and 4,4' –DDE (max. of 4.7 µg/Kg). One metal, chromium (at 33.7 mg/k), was detected above Unrestricted Use SCOs. Findings of the RI were consistent with observations for historical fill sites in areas throughout NYC.

5.3 Groundwater Chemistry

Groundwater samples were collected in a previous investigation conducted in January 2013 and are included in the Previous Investigations Section 2.2. The data from this investigation is included in the findings profile.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 6.

Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations.

Soil vapor samples collected during the RI showed moderate levels of petroleum related and low levels of chlorinated VOCs in all soil vapor samples. Total concentrations of petroleum-related VOCs (BTEX) ranged from 856 $\mu g/m^3$ to 1,775 $\mu g/m^3$. Overall the highest reported concentrations were for acetone (maximum of 3,700 $\mu g/m^3$). Chlorinated VOCs including tetrachloroethene (PCE) was detected in all soil vapor samples at a maximum concentration of 4.47 $\mu g/m^3$, and carbon tetrachloride was detected in two samples at a maximum concentration of 0.566 $\mu g/m^3$. Trichloroethene (TCE) was detected in all soil vapor samples at a maximum concentration of 1.34 $\mu g/m^3$ and 1,1,1-Trichloroethane (TCA) was non detected. Chlorinated VOCs concentrations were below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

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.

TABLES

TABLE 1
79 Clay Street,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SP4 (2-4') µg/Kg		SP4 (4-6') µg/Kg	
			Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			ND	9.8	ND	6.9
1,1,1-Trichloroethane	680	100,000	ND	9.8	ND	6.9
1,1,2,2-Tetrachloroethane			ND	5.9	ND	4.2
1,1,2-Trichloroethane			ND	9.8	ND	6.9
1,1-Dichloroethane	270	26,000	ND	9.8	ND	6.9
1,1-Dichloroethene	330	100,000	ND	9.8	ND	6.9
1,1-Dichloropropene			ND	9.8	ND	6.9
1,2,3-Trichlorobenzene			ND	9.8	ND	6.9
1,2,3-Trichloropropane			ND	9.8	ND	6.9
1,2,4-Trichlorobenzene			ND	9.8	ND	6.9
1,2,4-Trimethylbenzene	3,600	52,000	ND	9.8	ND	6.9
1,2-Dibromo-3-chloropropane			ND	9.8	ND	6.9
1,2-Dibromoethane			ND	9.8	ND	6.9
1,2-Dichlorobenzene	1,100	100,000	ND	9.8	ND	6.9
1,2-Dichloroethane	20	3,100	ND	9.8	ND	6.9
1,2-Dichloropropane			ND	9.8	ND	6.9
1,3,5-Trimethylbenzene	8,400	52,000	ND	9.8	ND	6.9
1,3-Dichlorobenzene	2,400	4,900	ND	9.8	ND	6.9
1,3-Dichloropropane			ND	9.8	ND	6.9
1,4-Dichlorobenzene	1,800	13,000	ND	9.8	ND	6.9
2,2-Dichloropropane			ND	9.8	ND	6.9
2-Chlorotoluene			ND	9.8	ND	6.9
2-Hexanone (Methyl Butyl Ketone)			ND	49	ND	35
2-Isopropyltoluene			ND	9.8	ND	6.9
4-Chlorotoluene			ND	9.8	ND	6.9
4-Methyl-2-Pentanone			ND	49	ND	35
Acetone	50	100,000	ND	50	ND	42
Acrylonitrile			ND	9.8	ND	6.9
Benzene	60	4,800	ND	9.8	ND	6.9
Bromobenzene			ND	9.8	ND	6.9
Bromochloromethane			ND	9.8	ND	6.9
Bromodichloromethane			ND	9.8	ND	6.9
Bromoform			ND	9.8	ND	6.9
Bromomethane			ND	9.8	ND	6.9
Carbon Disulfide			ND	9.8	ND	6.9
Carbon tetrachloride	760	2,400	ND	9.8	ND	6.9
Chlorobenzene	1,100	100,000	ND	9.8	ND	6.9
Chloroethane			ND	9.8	ND	6.9
Chloroform	370	49,000	ND	9.8	ND	6.9
Chloromethane			ND	9.8	ND	6.9
cis-1,2-Dichloroethene	250	100,000	ND	9.8	ND	6.9
cis-1,3-Dichloropropene			ND	9.8	ND	6.9
Dibromochloromethane			ND	5.9	ND	4.2
Dibromomethane			ND	9.8	ND	6.9
Dichlorodifluoromethane			ND	9.8	ND	6.9
Ethylbenzene	1,000	41,000	ND	9.8	ND	6.9
Hexachlorobutadiene			ND	9.8	ND	6.9
Isopropylbenzene			ND	9.8	ND	6.9
m&p-Xylenes	260	100,000	ND	9.8	ND	6.9
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	59	ND	42
Methyl t-butyl ether (MTBE)	930	100,000	ND	20	ND	14
Methylene chloride	50	100,000	ND	9.8	ND	6.9
Naphthalene	12,000	100,000	ND	9.8	ND	6.9
n-Butylbenzene	12,000	100,000	ND	9.8	ND	6.9
n-Propylbenzene	3,900	100,000	ND	9.8	ND	6.9
o-Xylene	260	100,000	ND	9.8	ND	6.9
p-Isopropyltoluene			ND	9.8	ND	6.9
sec-Butylbenzene	11,000	100,000	ND	9.8	ND	6.9
Styrene			ND	9.8	ND	6.9
tert-Butylbenzene	5,900	100,000	ND	9.8	ND	6.9
Tetrachloroethene	1,300	19,000	ND	9.8	ND	6.9
Tetrahydrofuran (THF)			ND	20	ND	14
Toluene	700	100,000	ND	9.8	ND	6.9
Total Xylenes			ND	9.8	ND	6.9
trans-1,2-Dichloroethene	190	100,000	ND	9.8	ND	6.9
trans-1,3-Dichloropropene			ND	9.8	ND	6.9
trabs-1,4-dichloro-2-butene			ND	20	ND	14
Trichloroethene	470	21,000	ND	9.8	ND	6.9
Trichlorofluoromethane			ND	9.8	ND	6.9
Trichlorotrifluoroethane			ND	9.8	ND	6.9
Vinyl Chloride	20	900	ND	9.8	ND	6.9
Total BTEX Concentration			0.0		0.0	
Total VOCs Concentration			0.0		0.0	

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
79 Clay Street,
Brooklyn, New York
Soil Analytical Results
Semi Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SP4 (2-4') µg/Kg		SP4 (4-6') µg/Kg	
			Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			ND	270	ND	260
1,2,4-Trichlorobenzene			ND	270	ND	260
1,2-Dichlorobenzene			ND	270	ND	260
1,2-Diphenylhydrazine			ND	390	ND	370
1,3-Dichlorobenzene			ND	270	ND	260
1,4-Dichlorobenzene			ND	270	ND	260
2,4,5-Trichlorophenol			ND	270	ND	260
2,4,6-Trichlorophenol			ND	270	ND	260
2,4-Dichlorophenol			ND	270	ND	260
2,4-Dimethylphenol			ND	270	ND	260
2,4-Dinitrophenol			ND	630	ND	580
2,4-Dinitrotoluene			ND	270	ND	260
2,6-Dinitrotoluene			ND	270	ND	260
2-Chloronaphthalene			ND	270	ND	260
2-Chlorophenol			ND	270	ND	260
2-Methylnaphthalene			ND	270	ND	260
2-Methylphenol (o-cresol)	330	100,000	ND	270	ND	260
2-Nitroaniline			ND	630	ND	580
2-Nitrophenol			ND	270	ND	260
3&4-Methylphenol (m&p-cresol)			ND	390	ND	370
3,3'-Dichlorobenzidine			ND	270	ND	260
3-Nitroaniline			ND	630	ND	580
4,6-Dinitro-2-methylphenol			ND	1,100	ND	1,100
4-Bromophenyl phenyl ether			ND	390	ND	370
4-Chloro-3-methylphenol			ND	270	ND	260
4-Chloroaniline			ND	270	ND	260
4-Chlorophenyl phenyl ether			ND	270	ND	260
4-Nitroaniline			ND	630	ND	580
4-Nitrophenol			ND	1,100	ND	1,100
Acenaphthene	20,000	100,000	ND	270	ND	260
Acenaphthylene	100,000	100,000	ND	270	ND	260
Acetophenone			ND	270	ND	260
Aniline			ND	1,100	ND	1,100
Anthracene	100,000	100,000	ND	270	ND	260
Benz(a)anthracene	1,000	1,000	ND	270	ND	260
Benzidine			ND	470	ND	440
Benzo(a)pyrene	1,000	1,000	ND	270	ND	260
Benzo(b)fluoranthene	1,000	1,000	ND	270	ND	260
Benzo(ghi)perylene	100,000	100,000	ND	270	ND	260
Benzo(k)fluoranthene	800	3,900	ND	270	ND	260
Benzoic acid			ND	1,100	ND	1,100
Benzyl butyl phthalate			ND	270	ND	260
Bis(2-chloroethoxy)methane			ND	270	ND	260
Bis(2-chloroethyl)ether			ND	390	ND	370
Bis(2-chloroisopropyl)ether			ND	270	ND	260
Bis(2-ethylhexyl)phthalate			ND	270	ND	260
Carbazole			ND	590	ND	550
Chrysene	1,000	3,900	ND	270	ND	260
Dibenz(a,h)anthracene	330	330	ND	270	ND	260
Dibenzofuran	7,000	59,000	ND	270	ND	260
Diethyl phthalate			ND	270	ND	260
Dimethylphthalate			ND	270	ND	260
Di-n-butylphthalate			ND	270	ND	260
Di-n-octylphthalate			ND	270	ND	260
Fluoranthene	100,000	100,000	**330**	270	**280**	260
Fluorene	30,000	100,000	ND	270	ND	260
Hexachlorobenzene			ND	270	ND	260
Hexachlorobutadiene			ND	270	ND	260
Hexachlorocyclopentadiene			ND	270	ND	260
Hexachloroethane			ND	270	ND	260
Indeno(1,2,3-cd)pyrene	500	500	ND	270	ND	260
Isophorone			ND	270	ND	260
Naphthalene	12,000	100,000	ND	270	ND	260
Nitrobenzene			ND	270	ND	260
N-Nitrosodimethylamine			ND	390	ND	370
N-Nitrosodi-n-propylamine			ND	270	ND	260
N-Nitrosodiphenylamine			ND	390	ND	370
Pentachloronitrobenzene			ND	390	ND	370
Pentachlorophenol	800	2,400	ND	390	ND	370
Phenanthrene		100,000	**380**	270	ND	260
Phenol		100,000	ND	270	ND	260
Pyrene		100,000	ND	270	ND	260
Pyridine			ND	390	ND	370

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not-detected

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
79 Clay Street,
Brooklyn, New York
Soil Analytical Results
Pesticides / PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SP4 (2-4') µg/Kg		SP4 (4-6') µg/Kg	
			Result	RL	Result	RL
4,4' -DDD	3.3	13,000	ND	2.4	ND	2.1
4,4' -DDE	3.3	8,900	**2.8**	2.4	**4.7**	2.1
4,4' -DDT	3.3	7,900	**2.9**	2.4	**15**	2.1
a-BHC	20	480	ND	3.8	ND	3.4
Alachlor			ND	3.8	ND	3.4
Aldrin	5	97	ND	1.2	ND	1.1
b-BHC	36	360	ND	3.8	ND	3.4
Chlordane			ND	12	ND	11
d-BHC	40	100,000	ND	3.8	ND	3.4
Dieldrin	5	200	ND	1.2	ND	1.1
Endosulfan I	2,400	24,000	ND	3.8	ND	3.4
Endosulfan II	2,400	24,000	ND	7.7	ND	6.8
Endosulfan sulfate	2,400	24,000	ND	7.7	ND	6.8
Endrin	14	11,000	ND	7.7	ND	6.8
Endrin aldehyde			ND	7.7	ND	6.8
Endrin ketone			ND	7.7	ND	6.8
g-BHC	100	280	ND	1.2	ND	1.1
Heptachlor	42	2,100	ND	2.4	ND	2.1
Heptachlor epoxide			ND	3.8	ND	3.4
Methoxychlor			ND	38	ND	34
Toxaphene			ND	38	ND	34
PCB-1016	100	1,000	ND	80	ND	71
PCB-1221	100	1,000	ND	80	ND	71
PCB-1232	100	1,000	ND	80	ND	71
PCB-1242	100	1,000	ND	80	ND	71
PCB-1248	100	1,000	ND	80	ND	71
PCB-1254	100	1,000	ND	80	ND	71
PCB-1260	100	1,000	ND	80	ND	71
PCB-1262	100	1,000	ND	80	ND	71
PCB-1268	100	1,000	ND	80	ND	71

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reported.

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Non-Detect

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
79 Box Street,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	SP4 (2-4') mg/Kg		SP4 (4-6') mg/Kg	
			Result	RL	Result	RL
Aluminum			**13,600**	64	**9,350**	54
Antimony			BRL	4.2	BRL	3.6
Arsenic	13	16	**3.5**	0.8	**2.9**	0.7
Barium	350	400	**112**	0.42	**76.2**	0.36
Beryllium	7.2	72	**0.69**	0.34	**0.53**	0.29
Cadmium	2.5	4.3	**0.82**	0.42	**0.91**	0.36
Calcium			**3,340**	6.4	**3,750**	5.4
Chromium	30	180	**33.7**	0.42	**28.9**	0.36
Cobalt			**9.77**	0.42	**8.59**	0.36
Copper	50	270	**30**	0.42	**25.3**	0.36
Iron			**28,800**	64	**33,000**	54
Lead	63	400	**32.5**	0.42	**22.2**	0.36
Magnesium			**6,450**	64	**4,110**	5.4
Manganese	1,600	2,000	**388**	4.2	**403**	3.6
Mercury	0.18	0.81	BRL	0.08	BRL	0.07
Nickel	30	310	**26.3**	0.42	**18.2**	0.36
Potassium			**3,620**	6.4	**2,280**	5.4
Selenium	3.9	180	BRL	1.7	BRL	1.4
Silver	2	180	BRL	0.42	BRL	0.36
Sodium			**238**	6.4	**168**	5.4
Thallium			BRL	0.7	BRL	0.6
Vanadium			**39.7**	0.42	**48.2**	0.36
Zinc	109	10,000	**96.4**	0.42	**61.5**	0.36

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

BRL - Below Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

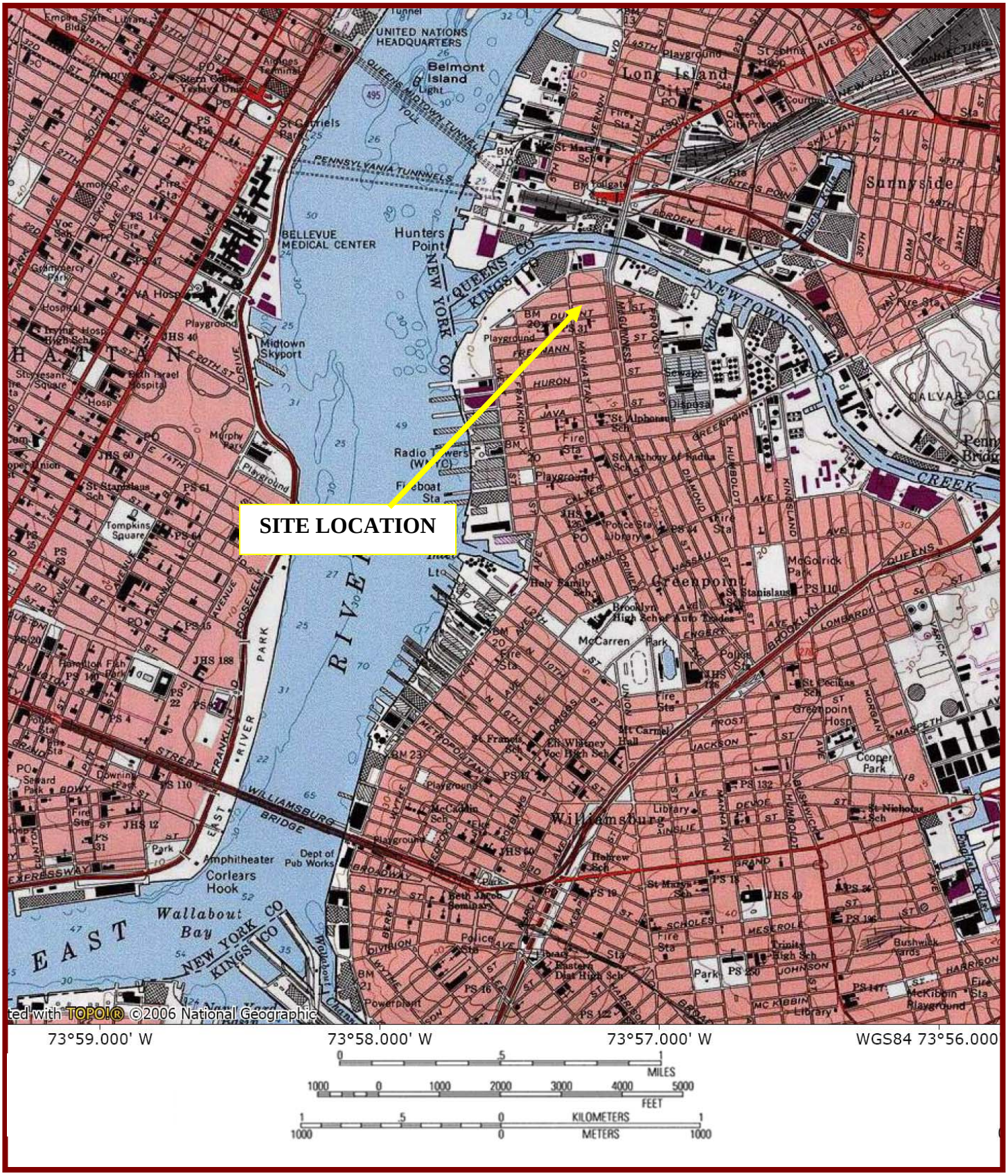
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
79 Clay Street,
Brooklyn, New York
Soil Analytical Results
Soil Vapor

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			ND	1	ND	1	ND	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane		<1.5	ND	1	ND	1	ND	1
1,1,2-Trichloroethane		<1.0	ND	1	ND	1	ND	1
1,1-Dichloroethane		<1.0	ND	1	ND	1	ND	1
1,1-Dichloroethene		<1.0	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		NA	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene		<1.0	**3**	1	**2.11**	1	**1.72**	1
1,2-Dibromoethane		<1.5	ND	1	ND	1	ND	1
1,2-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1
1,2-Dichloroethane		<1.0	ND	1	ND	1	ND	1
1,2-Dichloropropane			ND	1	ND	1	ND	1
1,2-Dichlorotetrafluoroethane			ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene		<1.0	**1.03**	1	ND	1	ND	1
1,3-Butadiene		NA	ND	1	ND	1	ND	1
1,3-Dichlorobenzene		<2.0	1.68	1	**4.27**	1	ND	1
1,4-Dichlorobenzene		NA	ND	1	ND	1	ND	1
1,4-Dioxane			ND	1	ND	1	ND	1
2-Hexanone			ND	1	ND	1	**10.2**	1
4-Ethyltoluene		NA	ND	1	ND	1	ND	1
4-Isopropyltoluene			ND	1	ND	1	ND	1
4-Methyl-2-pentanone			**2.82**	1	**2.86**	1	**1.68**	1
Acetone		NA	**3,700**	1	**534**	1	**375**	1
Acrylonitrile			ND	1	ND	1	ND	1
Benzene		<1.6 - 4.7	ND	1	ND	1	ND	1
Benzyl Chloride		NA	ND	1	ND	1	ND	1
Bromodichloromethane		<5.0	ND	1	ND	1	ND	1
Bromoform		<1.0	ND	1	ND	1	ND	1
Bromomethane		<1.0	ND	1	ND	1	ND	1
Carbon Disulfide		NA	**17.6**	1	**3.11**	1	**1.28**	1
Carbon Tetrachloride	5	<3.1	**0.566**	0.25	ND	0.25	**0.314**	0.25
Chlorobenzene		<2.0	ND	1	ND	1	ND	1
Chloroethane		NA	ND	1	ND	1	ND	1
Chloroform		<2.4	**3.51**	1	**1.66**	1	**3.17**	1
Chloromethane		<1.0 - 1.4	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene		<1.0	ND	1	ND	1	ND	1
cis-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1
Cyclohexane		NA	ND	1	ND	1	ND	1
Dibromochloromethane		<5.0	ND	1	ND	1	ND	1
Dichlorodifluromethane		NA	**1.88**	1	**1.78**	1	**1.78**	1
Ethanol			**224**	1	**121**	1	**97.7**	1
Ethyl Acetate		NA	ND	1	ND	1	ND	1
Ethylbenzene		<4.3	**84.6**	1	**154**	1	**107**	1
Heptane		NA	**11**	1	**1.31**	1	**1.02**	1
Hexachlorobutadiene		NA	ND	1	ND	1	ND	1
Hexane		<1.5	**59.9**	1	**83.8**	1	**85.2**	1
Isopropylalcohol		NA	**110**	1	**10.8**	1	**7.42**	1
Isopropylbenzene			**1.23**	1	**1.62**	1	**1.08**	1
Xylene (m&p)		<4.3	**303**	1	**508**	1	**346**	1
Methyl Ethyl Ketone			**466**	1	**66.3**	1	**50.1**	1
MTBE		NA	ND	1	ND	1	ND	1
Methylene Chloride		<3.4	**1.11**	1	**ND**	1	ND	1
n-Butylbenzene			ND	1	ND	1	ND	1
Xylene (o)		<4.3	**73.8**	1	**126**	1	**84.2**	1
Propylene		NA	**122**	1	**19.3**	1	ND	1
sec-Butylbenzene			**ND**	1	**2.41**	1	**1.97**	1
Styrene		<1.0	ND	1	ND	1	ND	1
Tetrachloroethene	100		**4.47**	0.25	**3.05**	0.25	**3.8**	0.25
Tetrahydrofuran		NA	ND	1	ND	1	ND	1
Toluene		1.0 - 6.1	**395**	1	**987**	1	**659**	1
trans-1,2-Dichloroethene		NA	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1
Trichloroethene	5	<1.7	**1.34**	0.25	ND	0.25	ND	0.25
Trichlorofluoromethane		NA	**1.24**	1	**1.07**	1	**1.07**	1
Trichlorotrifluoroethane			ND	1	ND	1	ND	1
Vinyl Chloride		<1.0	ND	0.25	ND	0.25	ND	0.25

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)
Value detected above NYSDOH Air Guidance Value of 5 µg/m3, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, mitigation.
Value detected above NYSDOH Air Guidance Value of 100 µg/m3, which according to Soil Vapor/Indoor Air Matrix 2 would require at a minimum, mitigation.

FIGURES



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79 CLAY STREET
BROOKLYN, NEW YORK 11222

FIGURE 1 – SITE LOCATION MAP

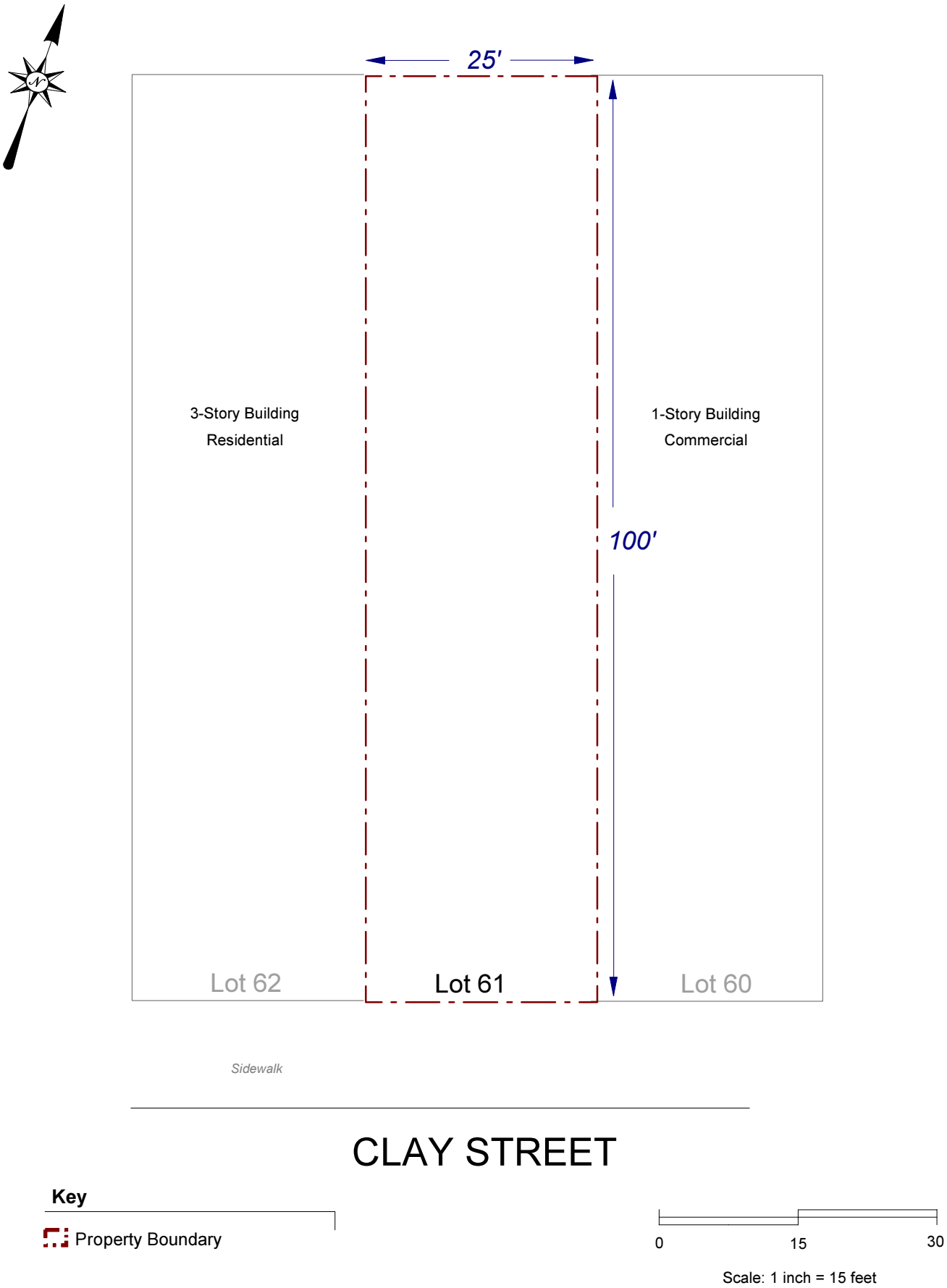

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Figure No. 2

Site Name:	Vacant Lot
Site Address:	79 Clay Street, Brooklyn, NY
Drawing Title:	Site Boundary Map

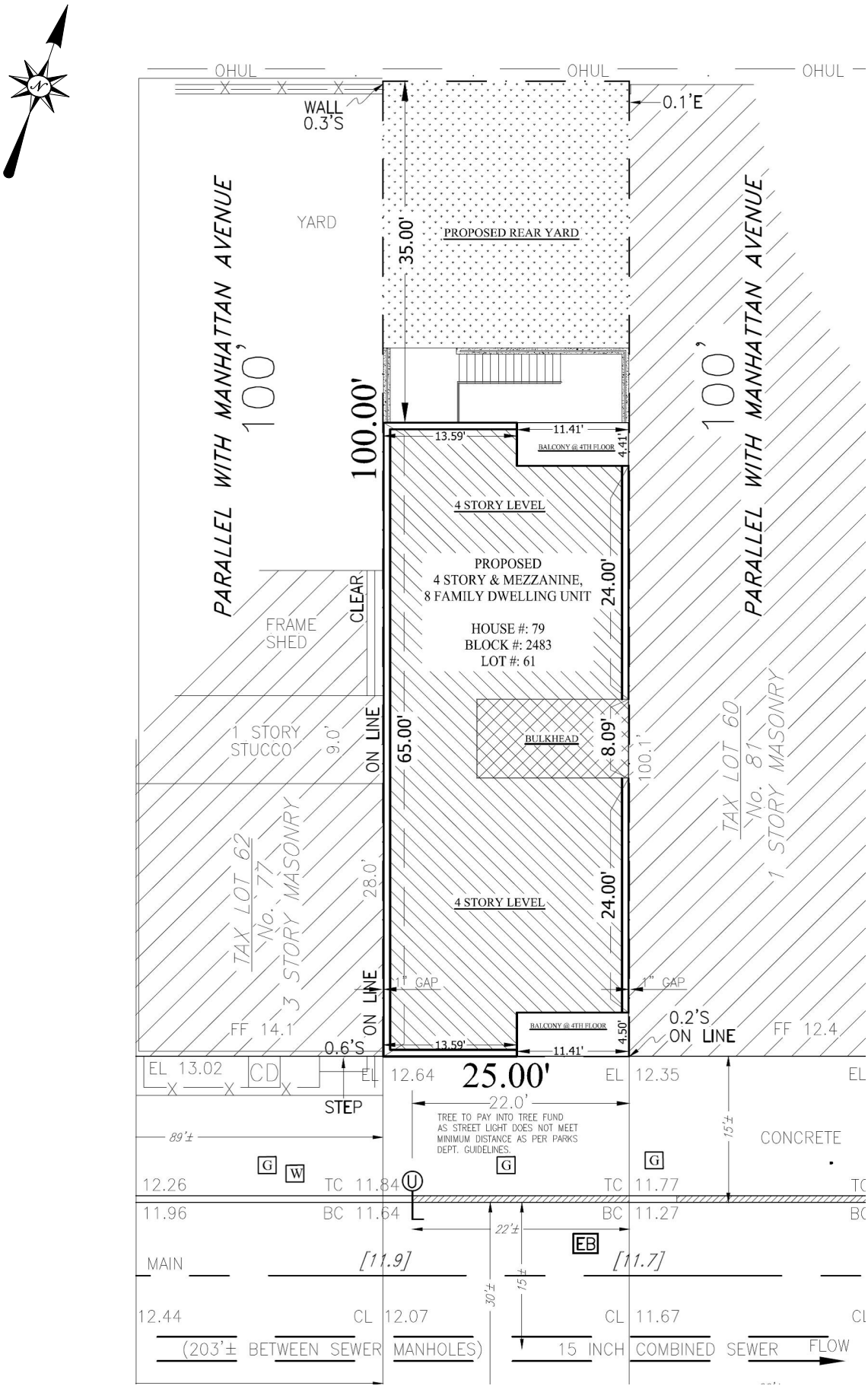

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Figure No. 3

Site Name:	Vacant Lot
Site Address:	79 Clay Street, Brooklyn, NY
Drawing Title:	Redevelopment Plan

Source: http://www.oasisnyc.net/map.aspx

FIGURE 4

SURROUNDING LAND USE MAP

79 CLAY STREET, BROOKLYN, NY

HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

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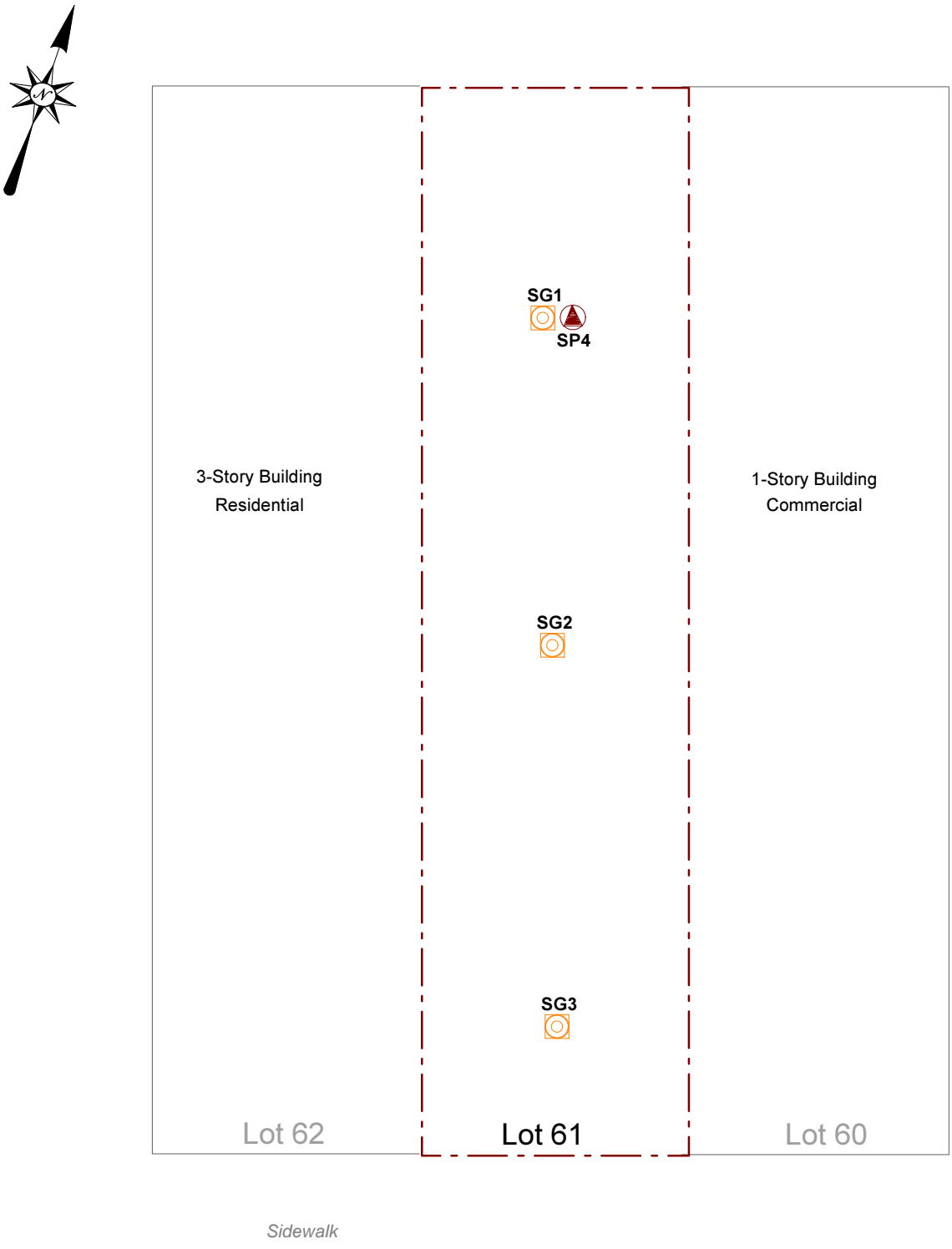

Key

- Property Boundary
- Soil Boring Location
- Sub-Slab Location

0 15 30

Scale: 1 inch = 15 feet

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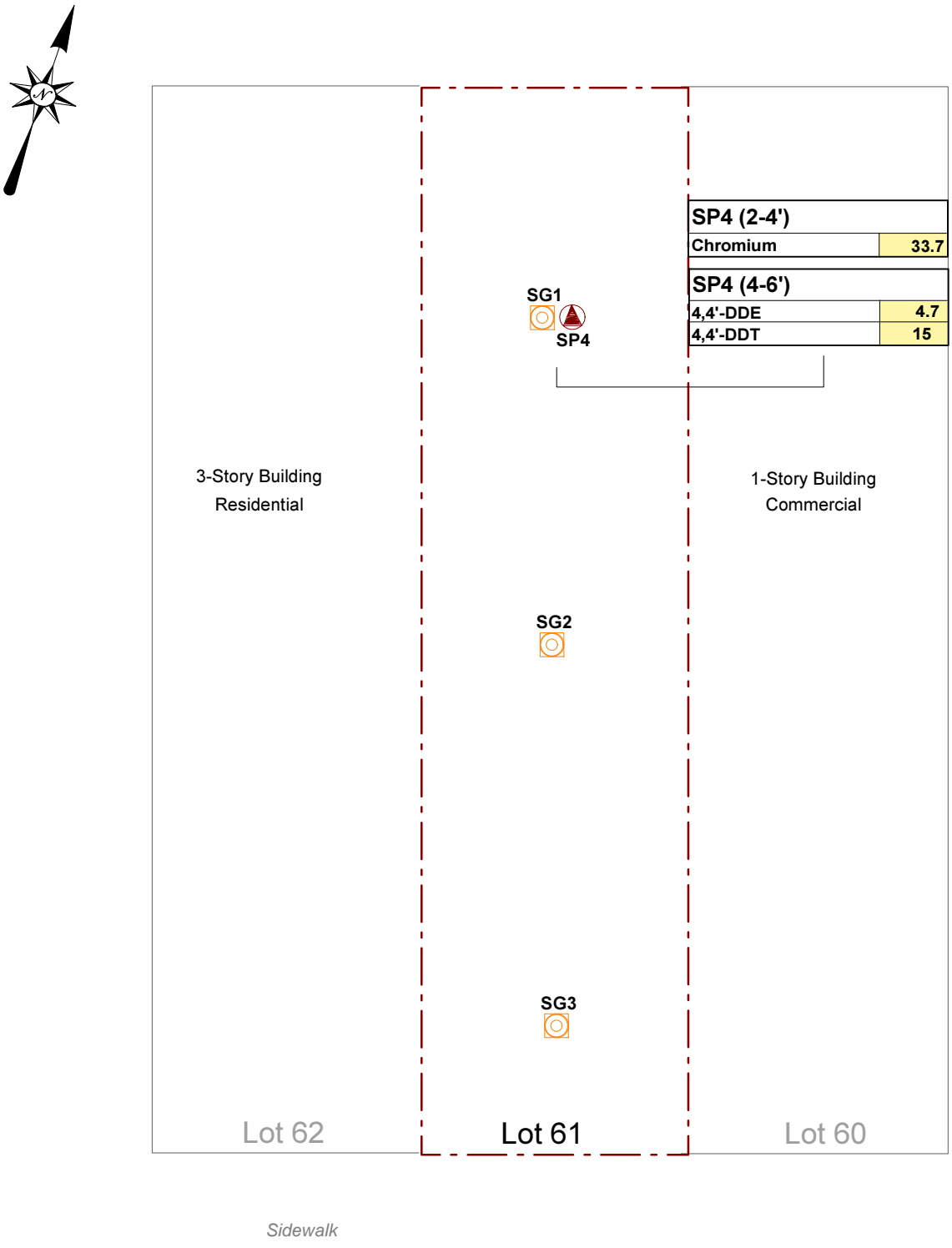
Figure No. 5

Site Name:	Vacant Lot
Site Address:	79 Clay Street, Brooklyn, NY
Drawing Title:	Site Sampling Locations



Key

- Property Boundary
- Soil Boring Location
- Sub-Slab Location

SVOCs/Pesticides	ppb
Metals	ppm

Exceedence of Restricted Residential SCO

Exceedence of Unrestricted Use SCO

0 15 30

Scale: 1 inch = 15 feet

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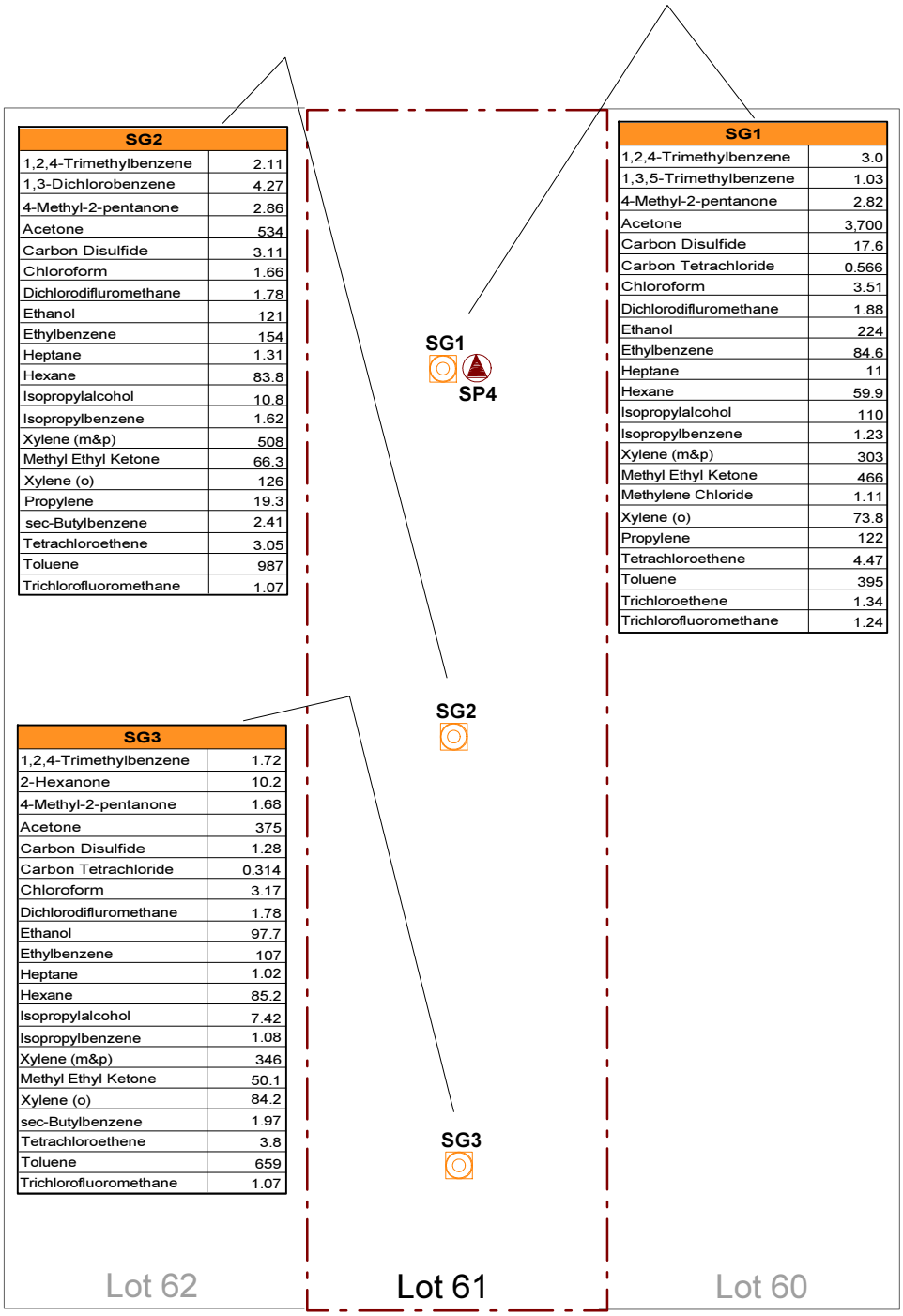
Figure No. 6

Site Name: Vacant Lot

Site Address: 79 Clay Street, Brooklyn, NY

Drawing Title: Soil Results Above Unrestricted Use SCOs



SG2	
1,2,4-Trimethylbenzene	2.11
1,3-Dichlorobenzene	4.27
4-Methyl-2-pentanone	2.86
Acetone	534
Carbon Disulfide	3.11
Chloroform	1.66
Dichlorodifluromethane	1.78
Ethanol	121
Ethylbenzene	154
Heptane	1.31
Hexane	83.8
Isopropylalcohol	10.8
Isopropylbenzene	1.62
Xylene (m&p)	508
Methyl Ethyl Ketone	66.3
Xylene (o)	126
Propylene	19.3
sec-Butylbenzene	2.41
Tetrachloroethene	3.05
Toluene	987
Trichlorofluoromethane	1.07

SG1	
1,2,4-Trimethylbenzene	3.0
1,3,5-Trimethylbenzene	1.03
4-Methyl-2-pentanone	2.82
Acetone	3,700
Carbon Disulfide	17.6
Carbon Tetrachloride	0.566
Chloroform	3.51
Dichlorodifluromethane	1.88
Ethanol	224
Ethylbenzene	84.6
Heptane	11
Hexane	59.9
Isopropylalcohol	110
Isopropylbenzene	1.23
Xylene (m&p)	303
Methyl Ethyl Ketone	466
Methylene Chloride	1.11
Xylene (o)	73.8
Propylene	122
Tetrachloroethene	4.47
Toluene	395
Trichloroethene	1.34
Trichlorofluoromethane	1.24

SG3	
1,2,4-Trimethylbenzene	1.72
2-Hexanone	10.2
4-Methyl-2-pentanone	1.68
Acetone	375
Carbon Disulfide	1.28
Carbon Tetrachloride	0.314
Chloroform	3.17
Dichlorodifluromethane	1.78
Ethanol	97.7
Ethylbenzene	107
Heptane	1.02
Hexane	85.2
Isopropylalcohol	7.42
Isopropylbenzene	1.08
Xylene (m&p)	346
Methyl Ethyl Ketone	50.1
Xylene (o)	84.2
sec-Butylbenzene	1.97
Tetrachloroethene	3.8
Toluene	659
Trichlorofluoromethane	1.07

Key

- Property Boundary
- Soil Boring Location
- Sub-Slab Location

0 15 30

Scale: 1 inch = 15 feet

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 7

Site Name: Vacant Lot
Site Address: 79 Clay Street, Brooklyn, NY
Drawing Title: Soil Gas Detections

ATTACHMENT A
PHASE II REPORT

Hydro Tech Environmental, Corp.

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January 18, 2013

Mr. Shai Kolberg
Urban View Development
109 South 5th Street
Brooklyn, NY 11249

Re: Site Investigation Report
79 Clay Street (Block 2483, Lot 61)
Brooklyn NY 11222

Dear Mr. Kolberg:

This letter is intended to provide you with the results of the recent investigation conducted at the above referenced Site. The purpose of this investigation was to assess the soil and groundwater quality beneath the Site in accordance with the requirements of the New York City Environmental Quality Review (CEQR) Technical Manual for hazardous materials. Hydro Tech performed all portions of the fieldwork on January 2nd and 3rd, 2013.

The investigation consisted of the installation and sampling of three (3) soil probes; SP-1 was installed in the southern portion, SP-2 in the central portion and SP-3 in the northern portion. The three soil probes were installed to 14 feet below grade surface (bgs) and were then converted into three monitoring wells MW-1, MW-2 and MW-3. Each monitoring well was installed to the depth of 20 bgs and consisted of a 15 feet 0.010-inch slots screen and 5 feet riser and was terminated at grade level with a manhole cover. The three monitoring wells were also developed, monitored and surveyed to provide a site-specific groundwater flow direction.

Consistent with the Hazmat E-designation sampling protocol assigned to this property two soil samples were collected from each soil probe. Those selected included a shallow soil sample from zero to 2 feet in all three soil probes, the 10-12 foot sample from SP-1 and SP-2 and the 6 to 8 foot sample from SP-3. The soil and groundwater samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides and Polychlorinated Biphenyls (PCBs) via EPA Method 8081/8082 and Target Analyte List (TAL) Metals (filtered and unfiltered). In addition a QA/QC field blank and trip blanks were also collected during this investigation. Investigation derivative wastes (IDW) including, soil cuttings, acetate liners, gloves and all liquid generated during well development, groundwater sampling and rinsate from the decontamination area were placed two 2 55-gallon drums and properly and will be disposed of in accordance to DER-10 Technical Guidance for Site

Investigation and remediation (May 2010).

The field characterization of the soil probes indicates the general soil type beneath the Site consists of medium grained sand with pebbles. Evidence of fill material consisting of glass and bricks was identified in all soil probes from zero to 12 feet bgs. None of the soil samples exhibited visual/olfactory evidence of petroleum constituents. The depth to groundwater beneath the Site ranges from 4.68 feet to 9.83 feet bgs. The groundwater flow direction beneath the Site was determined to be toward the south.

Laboratory analytical results indicate the presence seven SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) and linked with the presence of historic fill material were found in the shallow sample from SP-1 and SP-2 in excess of Track 1 Unrestricted Use SCOs (SCOs) and Track 2 Restricted Residential SCOs (RSCOs). Pesticides including DDD, DDE and DDT were detected in shallow soil samples from SP-1 and SP-2 at concentrations above the Track 1 SCOs, with DDT also exceeded the Track 2 Residential SCO in the shallow soil from SP-1. DDT also occurred in the deep sample from SP-1 at a concentration in exceedance of Track 1 SCO. Metals including arsenic, barium, chromium trivalent, copper, lead, nickel, selenium, and zinc were detected at concentrations above Track 1 SCOs in all shallow soils from SP-1, SP-2 and SP-3 and also in the deep samples from SP-1 and SP-2. Among these, arsenic, barium, chromium trivalent, copper and lead also exceeded the Track 2 Residential SCOs.

VOCs are detected in the groundwater samples from MW-1, MW-2 and MW-3 and pesticides were detected in groundwater sample from MW-1 at concentrations exceeding their respective method detection limit but less than GQS. One individual PAH marginally exceeded its GQS in the groundwater sample from MW-3. Dissolved magnesium, manganese and selenium were identified above GQS in groundwater samples collected beneath the Site. These metals were also detected in the soil beneath the Site above their respective standards, indicating that they are likely to be related to an on-Site source.

Figure 1 provides a sampling plan. **Figure 2** provides a groundwater flow diagram. **Table 1** to **Table 6** provide the investigation sampling results for soil and groundwater. **Attachment 1** provides photographs of the fieldwork**. Attachment 2** provides the soil logs. **Attachment 3** provides laboratory analytical reports.

During any future site redevelopment activities, all impacted soil/fill material with elevated levels of PAHs and metals should be properly disposed of at a licensed disposal facility in accordance with local, state and federal regulations. Future development must be coordinated with the NYCOER.

Should you have any questions, please feel free to contact our office at your convenience.

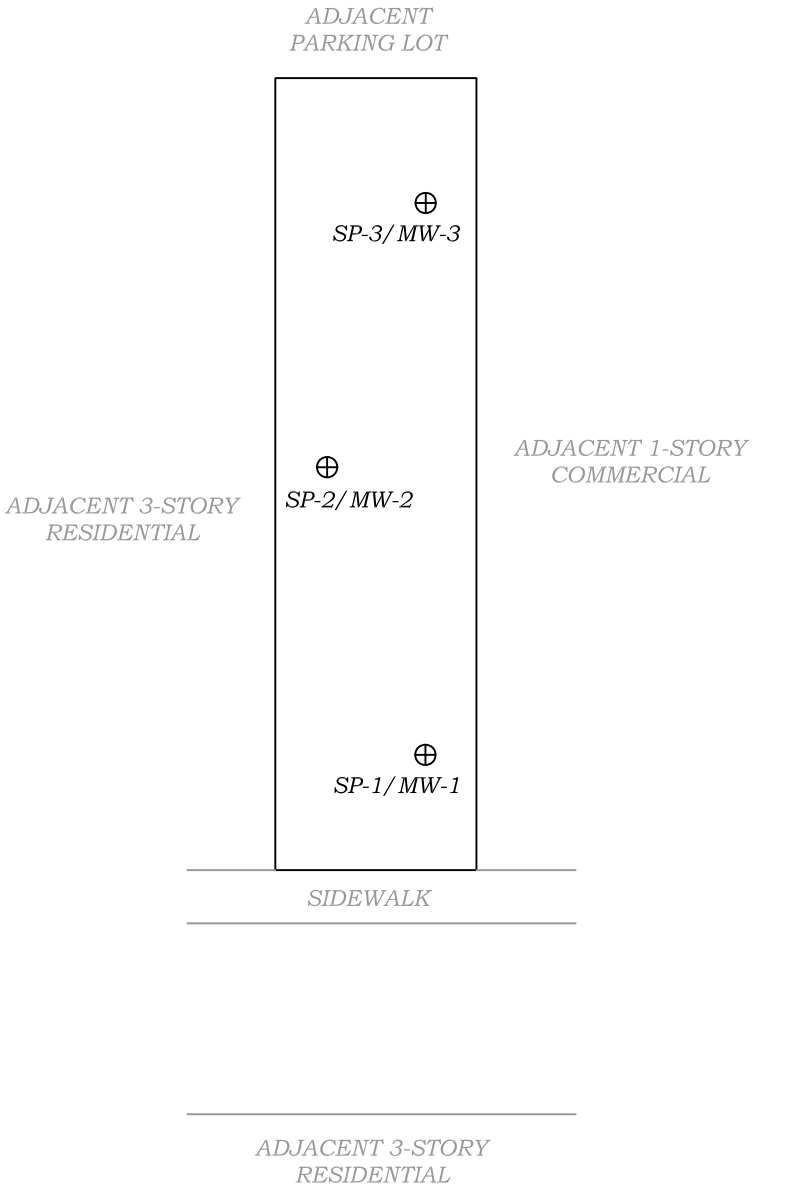
Very Truly Yours,
Hydro Tech Environmental, Corp.

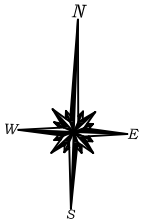
Paul I. Matli
Senior Project Manager

AJ/sc

cc: HTE File #120266

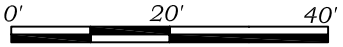
FIGURES





LEGEND:

⊕ SOIL PROBE CONVERTED TO MONITORING WELL (SP/MW)



SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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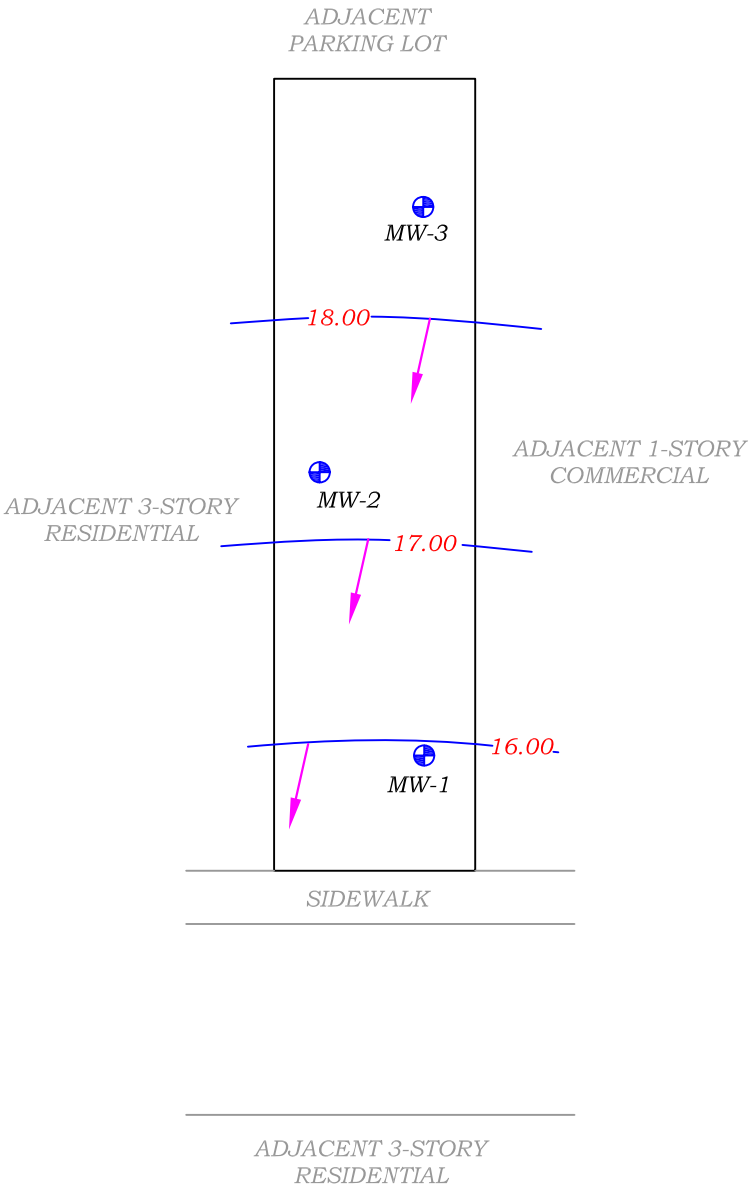
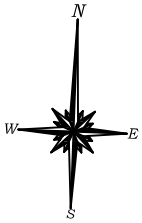
79 Clay Street
Brooklyn, NY
HTE Job# 120266

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/10/13
Scale: AS NOTED

TITLE:

FIGURE 1: SITE & SAMPLING PLAN





LEGEND:

MONITORING WELL (MW)

CONTOUR LINES

C.I CONTOUR INTERVAL

C.I. = 1.0 FEET	
Monitoring Well IDs	Groundwater Elevations
MW-1	15.98
MW-2	17.40
MW-3	21.24

0' 20' 40'

SCALE IN FEET (FT.)

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FIGURE 2: GROUNDWATER FLOW CONTOUR DIAGRAM

TABLES

Table 1
Soil Organic Analytical Results
79 Clay Street, Brooklyn, NY

SampleID	SP-1 (0'-2')	SP-1 (10'-12')	SP-2 (0'-2')	SP-2 (10'-12')	SP-3 (0'-2')	SP-3 (6'-8')	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
Sampling Date	1/2/2013	1/2/2013	1/2/2013	1/2/2013	1/2/2013	1/2/2013		
Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
Volatile Organics, 8260 List								
1,1,1,2-Tetrachloroethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,1,1-Trichloroethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.68	100
1,1,2,2-Tetrachloroethane	**0.0035** J	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,1,2-Trichloroethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,1-Dichloroethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.27	19
1,1-Dichloroethylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.33	100
1,1-Dichloropropylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,2,3-Trichlorobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,2,3-Trichloropropane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,2,4-Trichlorobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,2,4-Trimethylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	3.6	47
1,2-Dibromo-3-chloropropane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,2-Dibromoethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,2-Dichlorobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	1.1	100
1,2-Dichloroethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.02	2.3
1,2-Dichloropropane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,3,5-Trimethylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	8.4	47
1,3-Dichlorobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	2.4	17
1,3-Dichloropropane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
1,4-Dichlorobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	1.8	9.8
1,4-Dioxane	<0.016	<0.016	<0.015	<0.017	0.02	<0.015	0.1	9.8
2,2-Dichloropropane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
2-Butanone	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.12	100
2-Chlorotoluene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
4-Chlorotoluene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Acetone	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	**0.01** J	0.05	100
Benzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.06	2.9
Bromobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Bromochloromethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Bromodichloromethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Bromoform	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Bromomethane	<0.0030	<0.0030	**0.01**	**0.01** J	**0.0030** J	<0.0029	NS	NS
Carbon tetrachloride	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.76	1.4
Chlorobenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	1.1	100
Chloroethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Chloroform	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.37	10
Chloromethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
cis-1,2-Dichloroethylene	<0.003	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.25	59
cis-1,3-Dichloropropylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Dibromochloromethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Dibromomethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Dichlorodifluoromethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS

Ethyl Benzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	1	30
Hexachlorobutadiene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Isopropylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Methyl tert-butyl ether (MTBE)	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.93	62
Methylene chloride	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.05	51
n-Butylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	12	100
n-Propylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	3.9	100
Naphthalene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	12	100
o-Xylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
p- & m- Xylenes	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
p-Isopropyltoluene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
sec-Butylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	11	100
Styrene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
tert-Butylbenzene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	5.9	100
Tetrachloroethylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	1.3	5.5
Toluene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.7	100
trans-1,2-Dichloroethylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.19	100
trans-1,3-Dichloropropylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Trichloroethylene	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.47	10
Trichlorofluoromethane	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Vinyl acetate	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	NS	NS
Vinyl Chloride	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.02	0.21
Xylenes, Total	<0.0030	<0.0030	<0.0029	<0.0032	<0.0030	<0.0029	0.26	100
Total VOCs	ND	ND	**0.01**	**0.01**	**0.02**	**0.01**	NS	NS
Semi-Volatiles, 8270 Target List								
1,2,4-Trichlorobenzene	<0.539	<0.110	<2.12	<0.115	<0.110	<0.104	NS	NS
1,2-Dichlorobenzene	<0.973	<0.199	<3.83	<0.208	<0.198	<0.188	1.1	100
1,3-Dichlorobenzene	<0.470	<0.0961	<1.85	<0.100	<0.0957	<0.0908	2.4	17
1,4-Dichlorobenzene	<0.917	<0.187	<3.60	<0.195	<0.186	<0.177	1.8	9.8
2,4,5-Trichlorophenol	<1.15	<0.236	<4.54	<0.246	<0.235	<0.223	NS	NS
2,4,6-Trichlorophenol	<0.756	<0.154	<2.97	<0.161	<0.154	<0.146	NS	NS
2,4-Dichlorophenol	<1.21	<0.248	<4.77	<0.259	<0.247	<0.234	NS	NS
2,4-Dimethylphenol	<1.04	<0.213	<4.09	<0.222	<0.212	<0.201	NS	NS
2,4-Dinitrophenol	<1.25	<0.255	<4.91	<0.267	<0.254	<0.241	NS	NS
2,4-Dinitrotoluene	<0.658	<0.134	<2.59	<0.140	<0.134	<0.127	NS	NS
2,6-Dinitrotoluene	<0.765	<0.156	<3.01	<0.163	<0.156	<0.148	NS	NS
2-Chloronaphthalene	<0.804	<0.164	<3.16	<0.171	<0.163	<0.155	NS	NS
2-Chlorophenol	<0.491	<0.100	<1.93	<0.105	<0.0999	<0.0948	NS	NS
2-Methylnaphthalene	<1.14	<0.233	<4.49	<0.244	<0.232	<0.221	NS	NS
2-Methylphenol	<0.566	<0.116	<2.22	<0.121	<0.115	<0.109	0.33	100
2-Nitroaniline	<1.30	<0.265	<5.10	<0.277	<0.264	<0.250	NS	NS
2-Nitrophenol	<0.405	<0.0827	<1.59	<0.0863	<0.0823	<0.0781	NS	NS
3,3'-Dichlorobenzidine	<0.780	<0.159	<3.06	<0.166	<0.159	<0.150	NS	NS
3- & 4-Methylphenols	<0.646	<0.132	<2.54	<0.138	<0.131	<0.125	NS	NS
3-Nitroaniline	<1.48	<0.302	<5.81	<0.315	<0.301	<0.285	NS	NS
4,6-Dinitro-2-methylphenol	<1.88	<0.383	<7.37	<0.400	<0.381	<0.362	NS	NS
4-Bromophenyl phenyl ether	<0.717	<0.147	<2.82	<0.153	<0.146	<0.138	NS	NS
4-Chloro-3-methylphenol	<1.00	<0.205	<3.94	<0.214	<0.204	<0.194	NS	NS
4-Chloroaniline	<0.387	<0.0790	<1.52	<0.0825	<0.0787	<0.0747	NS	NS
4-Chlorophenyl phenyl ether	<0.872	<0.178	<3.43	<0.186	<0.177	<0.168	NS	NS
4-Nitroaniline	<0.616	<0.126	<2.42	<0.131	<0.125	<0.119	NS	NS
4-Nitrophenol	<0.560	<0.114	<2.20	<0.119	<0.114	<0.108	NS	NS

Acenaphthene	**0.68**	**J,D**	<0.110		**2.28**	**J,D**	<0.115		**0.14**	**J**	<0.104		20	100
Acenaphthylene	<0.714		<0.146		<2.81		<0.152		<0.145		<0.138		100	100
Aniline	<0.851		<0.174		<3.35		<0.181		<0.173		<0.164		NS	NS
Anthracene	**1.56**	**D**	<0.166		**4.77**	**J,D**	<0.173		**0.25**	**J**	<0.157		100	100
Benzo(a)anthracene	**5.11**	**D**	<0.114		**12.70**	**D**	<0.119		**0.68**		<0.107		1	1
Benzo(a)pyrene	**4.46**	**D**	<0.120		**11.40**	**D**	<0.126		**0.53**		<0.114		1	1
Benzo(b)fluoranthene	**3.91**	**D**	<0.255		**9.53**	**D**	<0.266		**0.48**		<0.241		1	1
Benzo(g,h,i)perylene	**2.43**	**D**	<0.101		**8.36**	**D**	<0.105		**0.19**	**J**	<0.0954		100	100
Benzo(k)fluoranthene	**4.05**	**D**	<0.304		**12.20**	**D**	<0.317		**0.54**		<0.287		0.8	1
Benzyl alcohol	<1.49		<0.304		<5.85		<0.317		<0.303		<0.287		NS	NS
Benzyl butyl phthalate	<0.822		<0.168		<3.23		<0.175		<0.167		<0.159		NS	NS
Bis(2-chloroethoxy)methane	<0.512		<0.105		<2.01		<0.109		<0.104		<0.0988		NS	NS
Bis(2-chloroethyl)ether	<0.759		<0.155		<2.98		<0.162		<0.154		<0.146		NS	NS
Bis(2-chloroisopropyl)ether	<0.524		<0.107		<2.06		<0.112		<0.107		<0.101		NS	NS
Bis(2-ethylhexyl)phthalate	1.03		<0.210		<4.04		<0.219		<0.209		<0.198		NS	NS
Chrysene	**5.33**	**D**	<0.140		**12.50**	**D**	<0.146		**0.71**		<0.132		1	1
Di-n-butyl phthalate	<0.604		<0.123		<2.37		<0.129		<0.123		<0.117		NS	NS
Di-n-octyl phthalate	<1.49		<0.304		<5.85		<0.317		<0.303		<0.287		NS	NS
Dibenzo(a,h)anthracene	**1.16**	**J,D**	<0.122		**3.90**	**J,D**	<0.128		<0.122		<0.115		0.33	0.33
Dibenzofuran	<0.694		<0.142		<2.73		<0.148		<0.141		<0.134		7	14
Diethyl phthalate	<0.935		<0.191		<3.67		<0.199		<0.190		<0.180		NS	NS
Dimethyl phthalate	<0.664		<0.136		<2.61		<0.142		<0.135		<0.128		NS	NS
Fluoranthene	**9.83**	**D**	<0.178		**26.90**	**D**	<0.186		**1.19**		<0.168		100	100
Fluorene	<0.714		<0.146		<2.81		<0.152		**0.17**	**J**	<0.138		30	100
Hexachlorobenzene	<0.878		<0.179		<3.45		<0.187		<0.179		<0.169		0.33	0.33
Hexachlorobutadiene	<0.503		<0.103		<1.98		<0.107		<0.102		<0.0971		NS	NS
Hexachlorocyclopentadiene	<1.11		<0.226		<4.35		<0.236		<0.225		<0.214		NS	NS
Hexachloroethane	<0.426		<0.0869		<1.67		<0.0907		<0.0866		<0.0821		NS	NS
Indeno(1,2,3-cd)pyrene	**2.43**	**D**	<0.139		**7.53**	**D**	<0.145		**0.22**	**J**	<0.131		0.5	0.5
Isophorone	<0.512		<0.105		<2.01		<0.109		<0.104		<0.0988		NS	NS
N-nitroso-di-n-propylamine	<0.497		<0.102		<1.95		<0.106		<0.101		<0.0959		NS	NS
N-Nitrosodimethylamine	<0.610		<0.125		<2.40		<0.130		<0.124		<0.118		NS	NS
N-Nitrosodiphenylamine	<0.673		<0.137		<2.64		<0.143		<0.137		<0.130		NS	NS
Naphthalene	<0.366		<0.0748		<1.44		<0.0781		**0.11**	**J**	<0.0707		12	100
Nitrobenzene	<0.438		<0.0894		<1.72		<0.0933		<0.0890		<0.0844		NS	NS
Pentachlorophenol	<1.12		<0.229		<4.41		<0.239		<0.228		<0.217		0.8	2.4
Phenanthrene	**7.29**	**D**	<0.159		**21.20**	**D**	<0.166		**1.19**		<0.150		100	100
Phenol	<0.643		<0.131		<2.53		<0.137		<0.131		<0.124		0.33	100
Pyrene	**9.02**	**D**	<0.124		**21.10**	**D**	<0.129		**1.21**		<0.117		100	100
Pyridine	<1.04		<0.213		<4.11		<0.223		<0.213		<0.202		NS	NS
Total SVOcs	**58.29**		ND		**154.37**		ND		**7.60**		ND		NS	NS
Pesticides, EPA 8081 List														
4,4'-DDD	**0.415**	**D**	<0.00201		**0.00304**	**D**	<0.00209		<0.00200		<0.00190		0.0033	2.6
4,4'-DDE	**0.896**	**D**	<0.00201		**0.0312**	**D**	<0.00209		<0.00200		<0.00190		0.0033	1.8
4,4'-DDT	**8.31**	**D**	**0.00353**	**D**	**0.160**	**D**	<0.00209		<0.00200		<0.00190		0.0033	1.7
Aldrin	<0.0982		<0.00201		<0.00193		<0.00209		<0.00200		<0.00190		0.005	0.019
alpha-BHC	<0.0982		<0.00201		<0.00193		<0.00209		<0.00200		<0.00190		0.02	0.097
beta-BHC	<0.0982		<0.00201		<0.00193		<0.00209		<0.00200		<0.00190		0.036	0.072
Chlordane, total	<0.393		0.00802		<0.00772		0.00838		0.00799		<0.00758		NS	NS
delta-BHC	<0.0982		<0.00201		<0.00193		<0.00209		<0.00200		<0.00190		0.04	100
Dieldrin	<0.0982		<0.00201		<0.00193		<0.00209		<0.00200		<0.00190		0.005	0.039

Endosulfan I	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		2.4	4.8
Endosulfan II	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		2.4	4.8
Endosulfan sulfate	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		2.4	4.8
Endrin	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		0.014	2.2
Endrin aldehyde	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		NS	NS
Endrin ketone	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		NS	NS
gamma-BHC (Lindane)	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		0.1	0.28
Heptachlor	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		0.042	0.42
Heptachlor epoxide	<0.0982	<0.00201	<0.00193	<0.00209	<0.00200	<0.00190		NS	NS
Methoxychlor	<0.491	<0.0100	<0.00965	<0.0105	<0.00999	<0.00948		NS	NS
Toxaphene	<4.97	<0.102	<0.0977	<0.106	<0.101	<0.0959		NS	NS
PCBs, EPA 8082 List									
Aroclor 1016	<0.0202	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS
Aroclor 1221	<0.0202	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS
Aroclor 1232	<0.0202	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS
Aroclor 1242	<0.0202	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS
Aroclor 1248	<0.0202	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS
Aroclor 1254	<0.0202	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS
Aroclor 1260	**0.0827**	<0.0207	<0.0199	<0.0216	<0.0206	<0.0195		NS	NS

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

D=result is from an analysis that required a dilution

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

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
Soil Inorganic Analytical Results
79 Clay Street, Brooklyn, NY

SampleID	SP-1 (0'-2')	SP-1 (10'-12')	SP-2 (0'-2')	SP-2 (10'-12')	SP-3 (0'-2')	SP-3 (6'-8')	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
Sampling Date	1/2/2013	1/2/2013	1/2/2013	1/2/2013	1/2/2013	1/2/2013		
Matrix	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry		
Metals, Target Analyte								
Aluminum	**7480**	**17800**	**6700**	**20500**	**11100**	**8180**	NS	NS
Antimony	**1.63**	<0.267	**3.60**	<0.279	**0.607**	<0.253	NS	NS
Arsenic	**8.25**	**2.05**	**29.6**	**7.43**	**7.84**	**2.01**	13	16
Barium	**595**	**48.2**	**1160**	**36.5**	**152**	**124**	350	350
Beryllium	<0.119	<0.122	0.117	0.127	<0.121	<0.115	7.2	14
Cadmium	**0.847**	<0.122	**1.91**	0.127	<0.121	<0.115	2.5	2.5
Calcium	**13200**	**2200**	**20000**	**1190**	**4080**	**2110**	NS	NS
Chromium	**27.3**	**56.4**	**32.2**	**60.8**	**29.8**	**28.8**	NS	NS
Chromium, Trivalent	**27.3**	**56.4**	**32.2**	**60.8**	**29.8**	**28.8**	30	36
Chromium, Hexavalent	<0.417	<0.426	<0.409	<0.444	<0.424	<0.402	1	22
Cobalt	**8.74**	**4.36**	**7.78**	**2.51**	**12.5**	**15.3**	NS	NS
Copper	**95.7**	**16.3**	**222**	**8.32**	**274**	**17.7**	50	270
Iron	**22800**	**96400 E**	**33200 E**	**94200 E**	**24500 E**	**26400 D**	NS	NS
Lead	**679**	**10.1**	**1480**	**12.7**	**204**	**5.37**	63	400
Magnesium	**3690**	**1460**	**2430**	**733**	**4800**	**3620**	NS	NS
Manganese	**322**	**866**	**366**	**417**	**486**	**1380 D**	1600	2000
Mercury	<0.112	<0.114	<0.110	<0.119	<0.114	<0.108	0.18	0.81
Nickel	**32.6**	**3.05**	**27.3**	**3.75**	**26.8**	**18.9**	30	140
Potassium	**1880**	**533**	**1010**	**485**	**2960**	**2160**	NS	NS
Selenium	**4.92**	**8.83**	**7.32**	**9.04**	**4.46**	**5.07**	3.9	36
Silver	<0.119	<0.122	0.117	<0.127	<0.121	<0.115	2	36
Sodium	**264**	**137**	**194**	**139**	**252**	**165**	NS	NS
Thallium	<0.381	<0.389	<0.374	<0.406	<0.387	<0.368	NS	NS
Vanadium	**50.9**	**193**	**55.4**	**210**	**41.8**	**44.7**	NS	NS
Zinc	**599**	**21.6**	**615**	**13.6**	**136**	**47.5**	109	2200

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Table 3
Blanks Organic Analytical Results
79 Clay Street, Brooklyn, NY

SampleID	Field Blank	Trip Blank	NYSDEC TOGS Standards and
Sampling Date	1/2/2013	1/2/2013	
Matrix	Water	Water	Water
Units	ug/L	ug/L	ug/L
Volatile Organics, 8260 List			
1,1,1,2-Tetrachloroethane	<0.32	<0.32	5
1,1,1-Trichloroethane	<0.23	<0.23	5
1,1,2,2-Tetrachloroethane	<0.59	<0.59	5
1,1,2-Trichloro-1,2,2-trifluoroethane (	<0.34	<0.34	5
1,1,2-Trichloroethane	<1.3	<1.3	1
1,1-Dichloroethane	<0.42	<0.42	5
1,1-Dichloroethylene	<0.52	<0.52	5
1,1-Dichloropropylene	<0.26	<0.26	5
1,2,3-Trichlorobenzene	<0.99	<0.99	5
1,2,3-Trichloropropane	<0.73	<0.73	0.04
1,2,4-Trichlorobenzene	<0.91	<0.91	5
1,2,4-Trimethylbenzene	<0.41	<0.41	5
1,2-Dibromo-3-chloropropane	<0.98	<0.98	0.04
1,2-Dibromoethane	<0.44	<0.44	5
1,2-Dichlorobenzene	<0.4	<0.40	3
1,2-Dichloroethane	<0.36	<0.36	0.6
1,2-Dichloropropane	<0.23	<0.23	1
1,3,5-Trimethylbenzene	<0.48	<0.48	5
1,3-Dichlorobenzene	<0.47	<0.47	3
1,3-Dichloropropane	<0.55	<0.55	5
1,4-Dichlorobenzene	<0.62	<0.62	3
2,2-Dichloropropane	<0.42	<0.42	5
2-Butanone	<1.5	<1.5	50
2-Chlorotoluene	<0.43	<0.43	5
4-Chlorotoluene	<<0.31	<0.31	5
Acetone	**6.3** J	<6.1	50
Benzene	<0.3	<0.30	1
Bromobenzene	<1.0	<1	5
Bromochloromethane	<0.54	<0.54	5
Bromodichloromethane	<0.41	<0.41	50
Bromoform	<0.58	<0.58	50
Bromomethane	<2.0	<2	5
Carbon tetrachloride	<0.56	<0.56	5
Chlorobenzene	<0.38	<0.38	5
Chloroethane	<2.8	<2.8	5
Chloroform	<0.42	<0.42	7
Chloromethane	<0.41	<0.41	5
cis-1,2-Dichloroethylene	<0.43	<0.43	5
cis-1,3-Dichloropropylene	<0.41	<0.41	0.4
Dibromochloromethane	<0.39	<0.39	50
Dibromomethane	<0.58	<0.58	NS
Dichlorodifluoromethane	<0.35	<0.35	5
Ethyl Benzene	<0.25	<0.25	5
Hexachlorobutadiene	<0.68	<0.68	0.5
Isopropylbenzene	<0.63	<0.63	5
Methyl tert-butyl ether (MTBE)	<0.53	<0.53	10

Methylene chloride	<2.4	<2.4	5
n-Butylbenzene	<0.30	<0.30	5
n-Propylbenzene	<0.54	<0.54	5
Naphthalene	1.2	<1.2	10
o-Xylene	<0.21	<0.21	5
p- & m- Xylenes	<0.53	<0.53	5
p-Isopropyltoluene	<0.34	<0.34	5
sec-Butylbenzene	<0.59	<0.59	5
Styrene	<0.22	<0.22	5
tert-Butylbenzene	**1.4**	<1.4	5
Tetrachloroethylene	<0.41	<0.41	5
Toluene	<0.17	<0.17	5
trans-1,2-Dichloroethylene	<0.52	<0.52	5
trans-1,3-Dichloropropylene	<0.67	<0.67	0.4
Trichloroethylene	<0.16	<0.16	5
Trichlorofluoromethane	<0.54	<0.54	5
Vinyl acetate	<0.73	<0.73	NS
Vinyl Chloride	<0.68	<0.68	2
Xylenes, Total	<0.55	<0.55	5
Semi-Volatiles, 827<0 Target List			
1,2,4-Trichlorobenzene	<2.60	NT	5
1,2-Dichlorobenzene	<2.62	NT	3
1,3-Dichlorobenzene	<2.75	NT	3
1,4-Dichlorobenzene	<2.33	NT	3
2,4,5-Trichlorophenol	<2.01	NT	1
2,4,6-Trichlorophenol	<1.84	NT	1
2,4-Dichlorophenol	<1.99	NT	5
2,4-Dimethylphenol	<1.68	NT	50
2,4-Dinitrophenol	<2.37	NT	10
2,4-Dinitrotoluene	<1.69	NT	5
2,6-Dinitrotoluene	<1.69	NT	5
2-Chloronaphthalene	<2.32	NT	10
2-Chlorophenol	<1.88	NT	1
2-Methylnaphthalene	<2.91	NT	NS
2-Methylphenol	<1.22	NT	1
2-Nitroaniline	<1.77	NT	5
2-Nitrophenol	<2.48	NT	1
3,3'-Dichlorobenzidine	<1.34	NT	5
3- & 4-Methylphenols	<1.18	NT	NS
3-Nitroaniline	<1.77	NT	5
4,6-Dinitro-2-methylphenol	<1.71	NT	NS
4-Bromophenyl phenyl ether	<1.40	NT	NS
4-Chloro-3-methylphenol	<1.99	NT	1
4-Chloroaniline	<3.14	NT	5
4-Chlorophenyl phenyl ether	<2.58	NT	NS
4-Nitroaniline	<2.82	NT	5
4-Nitrophenol	<1.75	NT	1
Acenaphthene	<1.86	NT	20
Acenaphthylene	<1.83	NT	NS
Aniline	<1.58	NT	5
Anthracene	<1.25	NT	50
Benzo(a)anthracene	<1.38	NT	0.002
Benzo(a)pyrene	<1.37	NT	0.002
Benzo(b)fluoranthene	<1.48	NT	0.002

Benzo(g,h,i)perylene	<1.80	NT	NS
Benzo(k)fluoranthene	<1.93	NT	0.002
Benzyl alcohol	<1.53	NT	NS
Benzyl butyl phthalate	<0.897	NT	50
Bis(2-chloroethoxy)methane	<1.86	NT	5
Bis(2-chloroethyl)ether	<1.58	NT	1
Bis(2-chloroisopropyl)ether	<3.15	NT	5
Bis(2-ethylhexyl)phthalate	<5.03	NT	5
Chrysene	<1.55	NT	0.002
Di-n-butyl phthalate	<2.16	NT	50
Di-n-octyl phthalate	<1.18	NT	50
Dibenzo(a,h)anthracene	<1.64	NT	NS
Dibenzofuran	<2.54	NT	NS
Diethyl phthalate	<2.69	NT	50
Dimethyl phthalate	<2.01	NT	50
Fluoranthene	<1.31	NT	50
Fluorene	<1.93	NT	50
Hexachlorobenzene	<1.34	NT	0.04
Hexachlorobutadiene	<2.94	NT	0.5
Hexachlorocyclopentadiene	<2.66	NT	5
Hexachloroethane	<3.20	NT	5
Indeno(1,2,3-cd)pyrene	<1.79	NT	0.002
Isophorone	<2.82	NT	50
N-nitroso-di-n-propylamine	<2.69	NT	NS
N-Nitrosodimethylamine	<0.409	NT	NS
N-Nitrosodiphenylamine	<5.26	NT	50
Naphthalene	<2.09	NT	10
Nitrobenzene	<1.78	NT	0.4
Pentachlorophenol	<1.53	NT	1
Phenanthrene	<1.44	NT	50
Phenol	<1.16	NT	1
Pyrene	<1.82	NT	50
Pyridine	<4.12	NT	50
Pesticides/PCBs, EPA 8<081/8<082 List			
4,4'-DDD	<0.00125	NT	NS
4,4'-DDE	<0.00125	NT	NS
4,4'-DDT	<0.00125	NT	NS
Aldrin	<0.00125	NT	NS
alpha-BHC	<0.00125	NT	NS
Aroclor 1<016	<0.0625	NT	NS
Aroclor 1221	<0.0625	NT	NS
Aroclor 1232	<0.0625	NT	NS
Aroclor 1242	<0.0625	NT	NS
Aroclor 1248	<0.0625	NT	NS
Aroclor 1254	<0.0625	NT	NS
Aroclor 126<0	<0.0625	NT	NS
beta-BHC	<0.00125	NT	NS
Chlordane, total	<0.00500	NT	NS
delta-BHC	<0.00125	NT	NS
Dieldrin	<0.00125	NT	NS
Endosulfan I	<0.00125	NT	NS
Endosulfan II	<0.00125	NT	NS
Endosulfan sulfate	<0.00125	NT	NS
Endrin	<0.00125	NT	NS

Endrin aldehyde	<0.00125	NT	NS
Endrin ketone	<0.00125	NT	NS
gamma-BHC (Lindane)	<0.00125	NT	NS
Heptachlor	<0.00125	NT	NS
Heptachlor epoxide	<0.00125	NT	NS
Methoxychlor	<0.00625	NT	NS
Total PCBs	<0.0625	NT	NS
Toxaphene	<0.0625	NT	NS

NOTES:

Any Regulatory Exceedences are color coded by Regulation

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

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

Table4
Blanks Inorganic Analytical Results
79 Clay Street, Brooklyn, NY

SampleID	Field Blank	Trip Blank	NYSDEC TOGS Standards and
Sampling Date	1/2/2013	1/2/2013	
Matrix	Water	Water	Water
Units	ug/L	ug/L	ug/L
Volatile Organics, 8260 List			
Metals, Target Analyte			
Aluminum	<10	NT	NS
Antimony	<3	NT	3
Arsenic	<4	NT	25
Barium	<2	NT	1000
Beryllium	<1	NT	NS
Cadmium	<2	NT	5
Calcium	**182**	NT	NS
Chromium	<2	NT	50
Chromium, Trivalent	8	NT	NS
Chromium, Hexavalent	6	NT	NS
Cobalt	<2	NT	NS
Copper	<2	NT	200
Iron	**38**	NT	NS
Lead	<2	NT	25
Magnesium	**71**	NT	35000
Manganese	<2	NT	300
Nickel	<1	NT	100
Potassium	<26	NT	NS
Selenium	<7	NT	10
Silver	<2	NT	50
Sodium	<61	NT	NS
Thallium	<3	NT	NS
Vanadium	<2	NT	NS
Zinc	**2** J	NT	NS
Mercury	<0.04	NT	0.7

NOTES:
Any Regulatory Exceedences are color coded by Regulation
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS=this indicates that no regulatory limit has been established for this analyte

Table 5
Groundwater Organic Analytical Results
79 Clay Street, Brooklyn, NY

SampleID	MW-1	MW-2	MW-3	Field Blank	Trip Blank	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	1/3/2013	1/3/2013	1/3/2013	1/3/2013	1/3/2013	
Matrix	Water	Water	Water	Water	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	<0.32	<0.32	<0.32	<0.32	5
1,1,1-Trichloroethane	<0.23	<0.23	<0.23	<0.23	<0.23	5
1,1,2,2-Tetrachloroethane	<0.59	<0.59	<0.59	<0.59	<0.59	5
1,1,2-Trichloro-1,2,2-trifluoroetha	<0.34	<0.34	<0.34	<0.34	<0.34	5
1,1,2-Trichloroethane	<1.3	<1.3	<1.3	<1.3	<1.3	1
1,1-Dichloroethane	<0.42	<0.42	<0.42	<0.42	<0.42	5
1,1-Dichloroethylene	<0.52	<0.52	<0.52	<0.52	<0.52	5
1,1-Dichloropropylene	<0.26	<0.26	<0.26	<0.26	<0.26	5
1,2,3-Trichlorobenzene	<0.99	<0.99	<0.99	<0.99	<0.99	5
1,2,3-Trichloropropane	<0.73	<0.73	<0.73	<0.73	<0.73	0.04
1,2,4-Trichlorobenzene	<0.91	<0.91	<0.91	<0.91	<0.91	5
1,2,4-Trimethylbenzene	<0.41	<0.41	<0.41	<0.41	<0.41	5
1,2-Dibromo-3-chloropropane	<0.98	<0.98	<0.98	<0.98	<0.98	0.04
1,2-Dibromoethane	<0.44	<0.44	<0.44	<0.44	<0.44	5
1,2-Dichlorobenzene	<0.40	<0.40	<0.40	<0.40	<0.40	3
1,2-Dichloroethane	<0.36	<0.36	<0.36	<0.36	<0.36	0.6
1,2-Dichloropropane	<0.23	<0.23	<0.23	<0.23	<0.23	1
1,3,5-Trimethylbenzene	<0.48	<0.48	<0.48	<0.48	<0.48	5
1,3-Dichlorobenzene	<0.47	<0.47	<0.47	<0.47	<0.47	3
1,3-Dichloropropane	<0.55	<0.55	<0.55	<0.55	<0.55	5
1,4-Dichlorobenzene	<0.62	<0.62	<0.62	<0.62	<0.62	3
2,2-Dichloropropane	<0.42	<0.42	<0.42	<0.42	<0.42	5
2-Butanone	**4.50** J	<1.5	<1.5	<1.5	<1.5	50
2-Chlorotoluene	<0.43	<0.43	<0.43	<0.43	<0.43	5
4-Chlorotoluene	<0.31	<0.31	<0.31	<0.31	<0.31	5
Acetone	**25.00**	**7.20** J	<6.1	**8.00** J	<6.1	50
Benzene	<0.30	<0.30	<0.30	<0.30	<0.30	1
Bromobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	5
Bromochloromethane	<0.54	<0.54	<0.54	<0.54	<0.54	5
Bromodichloromethane	<0.41	<0.41	<0.41	<0.41	<0.41	50
Bromoform	<0.58	<0.58	<0.58	<0.58	<0.58	50
Bromomethane	<2.0	<2.0	<2.0	<2.0	<2.0	5
Carbon tetrachloride	<0.56	<0.56	<0.56	<0.56	<0.56	5
Chlorobenzene	<0.38	<0.38	<0.38	<0.38	<0.38	5
Chloroethane	<2.8	<2.8	<2.8	<2.8	<2.8	5
Chloroform	<0.42	<0.42	<0.42	<0.42	<0.42	7
Chloromethane	<0.41	<0.41	<0.41	<0.41	<0.41	5
cis-1,2-Dichloroethylene	<0.43	<0.43	<0.43	<0.43	<0.43	5
cis-1,3-Dichloropropylene	<0.41	<0.41	<0.41	<0.41	<0.41	0.4
Dibromochloromethane	<0.39	<0.39	<0.39	<0.39	<0.39	50
Dibromomethane	<0.58	<0.58	<0.58	<0.58	<0.58	NS
Dichlorodifluoromethane	<0.35	<0.35	<0.35	<0.35	<0.35	5
Ethyl Benzene	<0.25	<0.25	<0.25	<0.25	<0.25	5
Hexachlorobutadiene	<0.68	<0.68	<0.68	<0.68	<0.68	0.5
Isopropylbenzene	<0.63	<0.63	<0.63	<0.63	<0.63	5
Methyl tert-butyl ether (MTBE)	<0.53	**3.30** J	<0.53	<0.53	<0.53	10
Methylene chloride	<2.4	<2.4	<2.4	<2.4	<2.4	5

n-Butylbenzene	<0.30	<0.30	<0.30	<0.30	<0.30	5
n-Propylbenzene	<0.54	<0.54	<0.54	<0.54	<0.54	5
Naphthalene	**3.40** J	<1.2	<1.2	<1.2	<1.2	10
o-Xylene	<0.21	<0.21	<0.21	<0.21	<0.21	5
p- & m- Xylenes	<0.53	<0.53	<0.53	<0.53	<0.53	5
p-Isopropyltoluene	<0.34	<0.34	<0.34	<0.34	<0.34	5
sec-Butylbenzene	<0.59	<0.59	<0.59	<0.59	<0.59	5
Styrene	<0.22	<0.22	<0.22	<0.22	<0.22	5
tert-Butylbenzene	<1.4	<1.4	<1.4	<1.4	<1.4	5
Tetrachloroethylene	<0.41	<0.41	<0.41	<0.41	<0.41	5
Toluene	**1.20** J	<0.17	<0.17	<0.17	<0.17	5
trans-1,2-Dichloroethylene	<0.52	<0.52	<0.52	<0.52	<0.52	5
trans-1,3-Dichloropropylene	<0.67	<0.67	<0.67	<0.67	<0.67	0.4
Trichloroethylene	<0.16	<0.16	<0.16	<0.16	<0.16	5
Trichlorofluoromethane	<0.54	<0.54	<0.54	<0.54	<0.54	5
Vinyl acetate	<0.73	<0.73	<0.73	<0.73	<0.73	NS
Vinyl Chloride	<0.68	<0.68	<0.68	<0.68	<0.68	2
Xylenes, Total	<0.55	<0.55	<0.55	<0.55	<0.55	5
Total VOCs	**34.10**	**10.50**	ND	**8.00**	ND	NS
Semi-Volatiles, 8270 Target List						
1,2,4-Trichlorobenzene	<2.53	<2.53	<2.53	<2.60	NT	5
1,2-Dichlorobenzene	<2.55	<2.55	<2.55	<2.62	NT	3
1,3-Dichlorobenzene	<2.68	<2.68	<2.68	<2.75	NT	3
1,4-Dichlorobenzene	<2.27	<2.27	<2.27	<2.33	NT	3
2,4,5-Trichlorophenol	<1.96	<1.96	<1.96	<2.01	NT	1
2,4,6-Trichlorophenol	<1.79	<1.79	<1.79	<1.84	NT	1
2,4-Dichlorophenol	<1.94	<1.94	<1.94	<1.99	NT	5
2,4-Dimethylphenol	<1.64	<1.64	<1.64	<1.68	NT	50
2,4-Dinitrophenol	<2.31	<2.31	<2.31	<2.37	NT	10
2,4-Dinitrotoluene	<1.65	<1.65	<1.65	<1.69	NT	5
2,6-Dinitrotoluene	<1.65	<1.65	<1.65	<1.69	NT	5
2-Chloronaphthalene	<2.26	<2.26	<2.26	<2.32	NT	10
2-Chlorophenol	<1.84	<1.84	<1.84	<1.88	NT	1
2-Methylnaphthalene	<2.83	<2.83	<2.83	<2.91	NT	NS
2-Methylphenol	<1.19	<1.19	<1.19	<1.22	NT	1
2-Nitroaniline	<1.72	<1.72	<1.72	<1.77	NT	5
2-Nitrophenol	<2.42	<2.42	<2.42	<2.48	NT	1
3,3'-Dichlorobenzidine	<1.30	<1.30	<1.30	<1.34	NT	5
3- & 4-Methylphenols	<1.15	<1.15	<1.15	<1.18	NT	NS
3-Nitroaniline	<1.72	<1.72	<1.72	<1.77	NT	5
4,6-Dinitro-2-methylphenol	<1.66	<1.66	<1.66	<1.71	NT	NS
4-Bromophenyl phenyl ether	<1.36	<1.36	<1.36	<1.40	NT	NS
4-Chloro-3-methylphenol	<1.94	<1.94	<1.94	<1.99	NT	1
4-Chloroaniline	<3.06	<3.06	<3.06	<3.14	NT	5
4-Chlorophenyl phenyl ether	<2.51	<2.51	<2.51	<2.58	NT	NS
4-Nitroaniline	<2.75	<2.75	<2.75	<2.82	NT	5
4-Nitrophenol	<1.70	<1.70	<1.70	<1.75	NT	1
Acenaphthene	<1.82	<1.82	<1.82	<1.86	NT	20
Acenaphthylene	<1.78	<1.78	<1.78	<1.83	NT	NS
Aniline	<1.54	<1.54	<1.54	<1.58	NT	5
Anthracene	<1.22	<1.22	<1.22	<1.25	NT	50
Benzo(a)anthracene	<1.34	<1.34	<1.34	<1.38	NT	0.002
Benzo(a)pyrene	<1.33	<1.33	<1.33	<1.37	NT	0.002
Benzo(b)fluoranthene	<1.45	<1.45	<1.45	<1.48	NT	0.002
Benzo(g,h,i)perylene	<1.75	<1.75	<1.75	<1.80	NT	NS

Benzo(k)fluoranthene	<1.88	<1.88	<1.88	<1.93	NT	0.002
Benzyl alcohol	<1.49	<1.49	<1.49	<1.53	NT	NS
Benzyl butyl phthalate	<0.874	<0.874	<0.874	<0.897	NT	50
Bis(2-chloroethoxy)methane	<1.82	<1.82	<1.82	<1.86	NT	5
Bis(2-chloroethyl)ether	<1.54	<1.54	<1.54	<1.58	NT	1
Bis(2-chloroisopropyl)ether	<3.07	<3.07	<3.07	<3.15	NT	5
Bis(2-ethylhexyl)phthalate	<4.90	<4.90	**6.24**	<5.03	NT	5
Chrysene	<1.51	<1.51	<1.51	<1.55	NT	0.002
Di-n-butyl phthalate	<2.10	<2.10	<2.10	<2.16	NT	50
Di-n-octyl phthalate	<1.15	<1.15	<1.15	<1.18	NT	50
Dibenzo(a,h)anthracene	<1.60	1.60	<1.60	<1.64	NT	NS
Dibenzofuran	<2.47	<2.47	<2.47	<2.54	NT	NS
Diethyl phthalate	<2.63	<2.63	<2.63	**3.16** J	NT	50
Dimethyl phthalate	<1.96	<1.96	<1.96	<2.01	NT	50
Fluoranthene	<1.27	<1.27	<1.27	<1.31	NT	50
Fluorene	<1.88	<1.88	<1.88	<1.93	NT	50
Hexachlorobenzene	<1.30	<1.30	<1.30	<1.34	NT	0.04
Hexachlorobutadiene	<2.86	<2.86	<2.86	<2.94	NT	0.5
Hexachlorocyclopentadiene	<2.59	<2.59	<2.59	<2.66	NT	5
Hexachloroethane	<3.12	<3.12	<3.12	<3.20	NT	5
Indeno(1,2,3-cd)pyrene	<1.74	<1.74	<1.74	<1.79	NT	0.002
Isophorone	<2.75	<2.75	<2.75	<2.82	NT	50
N-nitroso-di-n-propylamine	<2.63	<2.63	<2.63	<2.69	NT	NS
N-Nitrosodimethylamine	<0.399	<0.399	<0.399	<0.409	NT	NS
N-Nitrosodiphenylamine	<5.13	<5.13	<5.13	<5.26	NT	50
Naphthalene	<2.04	<2.04	<2.04	<2.09	NT	10
Nitrobenzene	<1.73	<1.73	<1.73	<1.78	NT	0.4
Pentachlorophenol	<1.49	<1.49	<1.49	<1.53	NT	1
Phenanthrene	**1.78** J	<1.41	<1.41	<1.44	NT	50
Phenol	<1.13	<1.13	<1.13	<1.16	NT	1
Pyrene	<1.77	<1.77	<1.77	<1.82	NT	50
Pyridine	<4.01	<4.01	<4.01	<4.12	NT	50
	1.78	**1.60**	**6.24**	**3.16**	NT	NS
Pesticides, EPA 8081						
4,4'-DDD	**0.00557**	<0.00103	<0.00100	<0.00105	NT	0.3
4,4'-DDE	**0.00482**	<0.00103	<0.00100	<0.00105	NT	0.2
4,4'-DDT	**0.136**	<0.00103	<0.00100	<0.00105	NT	0.2
Aldrin	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
alpha-BHC	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
beta-BHC	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Chlordane, total	<0.00410	<0.00410	<0.00400	<0.00421	NT	0.05
delta-BHC	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Dieldrin	<0.00103	<0.00103	<0.00100	<0.00105	NT	0.004
Endosulfan I	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Endosulfan II	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Endosulfan sulfate	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Endrin	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Endrin aldehyde	<0.00103	<0.00103	<0.00100	<0.00105	NT	5
Endrin ketone	<0.00103	<0.00103	<0.00100	<0.00105	NT	5
gamma-BHC (Lindane)	<0.00103	<0.00103	<0.00100	<0.00105	NT	NS
Heptachlor	<0.00103	<0.00103	<0.00100	<0.00105	NT	0.04
Heptachlor epoxide	<0.00103	<0.00103	<0.00100	<0.00105	NT	0.03
Methoxychlor	<0.00513	<0.00513	<0.00500	<0.00526	NT	35
Toxaphene	<0.0513	<0.0513	<0.0500	<0.0526	NT	NS
PCBs, EPA 8082 List						

Aroclor 1016	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09
Aroclor 1221	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09
Aroclor 1232	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09
Aroclor 1242	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09
Aroclor 1248	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09
Aroclor 1254	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09
Aroclor 1260	<0.0513		<0.0513		<0.0500		<0.0526		NT		0.09

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

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

Grey shaded cell represent a concentration exceeding the GQS

Table 6
Groundwater Inrganic Analytical Results
79 Clay Street, Brooklyn, NY

SampleID	MW-1	MW-2	MW-3	Field Blank	Trip Blank	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	1/3/2013	1/3/2013	1/3/2013	1/3/2013	1/3/2013	
Matrix	Water	Water	Water	Water	Water	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Metals, Dissolved - Target Analyte (TAL)						
Aluminum	**132**	**181**	<10	<10	NT	NS
Antimony	<3	<3	<3	<3	NT	3
Arsenic	<4	<4	<4	<4	NT	25
Barium	**37**	**85**	**44**	<2	NT	1000
Beryllium	<1	<1	<1	<1	NT	NS
Cadmium	<2	<2	<2	<2	NT	5
Calcium	**383000**	**106000**	**143000**	<19	NT	NS
Chromium	<2	<2	<2	<2	NT	50
Chromium, Trivalent	<8.00	<8.00	<8.00	<8.00	NT	NS
Chromium, Hexavalent	<6.00	<6.00	<6.00	<6.00	NT	NS
Cobalt	<2	<2	<2	<2	NT	NS
Copper	<2	<2	**10**	<2	NT	200
Iron	**143**	**122**	**35**	<10	NT	NS
Lead	**8**	<2	<2	<2	NT	25
Magnesium	**47400**	**32000**	**22100**	<10	NT	35000
Manganese	**2310**	**492**	**108**	<2	NT	300
Nickel	**5**	<1	**10**	<1	NT	100
Mercury	<0.03900	<0.03900	<0.03900	<0.03900	NT	0.7
Potassium	**11500**	**5360**	**10200**	<26	NT	NS
Selenium	<7	<7	**21**	<7	NT	10
Silver	<2	<2	<2	<2	NT	50
Sodium	**42000**	**32400**	**14800**	<61	NT	NS
Thallium	<3	<3	<3	<3	NT	NS
Vanadium	<2	<2	<2	<2	NT	NS
Zinc	**113**	<2	**151**	<2	NT	NS
Total Metals, Target Analyte						
Aluminum	**22200**	**25100**	**136**	<10	NT	NS
Antimony	<3	<3	<3	<3	NT	3
Arsenic	<4	**4** J	4	<4	NT	25
Barium	**657**	**643**	**50**	<2	NT	1000
Beryllium	<1	<1	<1	<1	NT	NS
Cadmium	<2	<2	<2	<2	NT	5
Calcium	**401000**	**121000**	**148000**	<19	NT	NS
Chromium	**75**	**109**	<2	<2	NT	50
Chromium, Trivalent	**75.0**	**109**	<8.00	<8.00	NT	NS
Chromium, Hexavalent	<6.00	<6.00	<6.00	<6.00	NT	NS
Cobalt	**2** J	**11**	<2	<2	NT	NS
Copper	**26**	**90**	**12**	<2	NT	200
Iron	**51800**	**53300**	**375**	**10** J	NT	NS
Lead	**260**	**408**	**4**	<2	NT	25
Magnesium	**50500**	**36900**	**22900**	<10	NT	35000
Manganese	**3020**	**1060**	**125**	<2	NT	300
Nickel	**16**	**40**	**12**	<1	NT	100
Mercury	<0.04	**0.3**	<0.04	**0.3**	NT	0.7
Potassium	**12500**	**8310**	**10300**	<26	NT	NS
Selenium	**13**	**12**	**22**	<7	NT	10
Silver	<2	<2	<2	<2	NT	50
Sodium	**44200**	**34200**	**15500**	<61	NT	NS
Thallium	<3	<3	<3	<3	NT	NS
Vanadium	**173**	**124**	**2** J	<2	NT	NS
Zinc	**423**	**345**	**179**	**2** J	NT	NS

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

ATTACHMENT 1
PHOTOGRAPHS

Installation of Soil Probes and Monitoring Wells utilizing Hydro Tech's Tractor Geoprobe® machine

ATTACHMENT 2
SOIL LOGS

Hydro Tech Environmental, Corp.

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Soil Probe Log

Job No:	120266	Date: 1/4/2013	Page: 1 of 1
Location:	79 Clay Street Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-1	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	9.83 Feet
Total Depth:	12 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 medium grained sand with pebbles and fill material. No odor
-2	0.1	SP	Brown fine grained sand with pebbles and fill material. No odor
-4	0.1	SP	S.A.B.
-6	0.1	SP	Moist brown fine grained sand with pebbles and fill material. No odor
-8	0.1	SP	S.A.B.
-10	0.1	SP	S.A.B.
-12			

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Soil Probe Log

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		Sampling Method:	Geoprobe
Boring No.:	SP-2	Driller:	Efrain H.
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Total Depth:	12 Feet		

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Brown medium grained 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	Light brown medium grained sand with pebbles and fill material. No odor
-8	0.1	SP	S.A.B.
-10	0.1	SP	S.A.B.
-12			

Hydro Tech Environmental, Corp.

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

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
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Soil Probe Log

Job No:	120266	Date: 1/4/2013	Page: 1 of 1
Location:	79 Clay Street Brooklyn, New York	Sampling Interval:	2 Feet
		Sampling Method:	Geoprobe
Boring No.:	SP-3	Driller:	Efrain H.
Drilling Method:	Direct Push	Depth to Water:	4.7 Feet
Total Depth:	12 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Dark brown fine to medium grained 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	Wet brown fine to medium grained sand with pebbles and fill material. No odor
-10	0.1	SP	S.A.B.
-12			

ATTACHMENT 3
LABORATORY ANALYTICAL REPORTS.

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 01/09/2013
Client Project ID: #120266 79 Clay Street Brooklyn, NY
York Project (SDG) No.: 13A0066

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: 01/09/2013
Client Project ID: #120266 79 Clay Street Brooklyn, NY
York Project (SDG) No.: 13A0066

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
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 January 03, 2013 and listed below. The project was identified as your project: **#120266 79 Clay Street Brooklyn, 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
13A0066-01	SP-1 (0'-2')	Soil	01/02/2013	01/03/2013
13A0066-02	SP-1 (10'-12')	Soil	01/02/2013	01/03/2013
13A0066-03	SP-2 (0'-2')	Soil	01/02/2013	01/03/2013
13A0066-04	SP-2 (10'-12')	Soil	01/02/2013	01/03/2013
13A0066-05	SP-3 (0'-2')	Soil	01/02/2013	01/03/2013
13A0066-06	SP-3 (6'-8')	Soil	01/02/2013	01/03/2013
13A0066-07	Field Blank	Water	01/02/2013	01/03/2013
13A0066-08	Trip Blank	Water	01/02/2013	01/03/2013

General Notes for York Project (SDG) No.: 13A0066

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:** 01/09/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **13A0066-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	**3.5**	VOA-CO, J	ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	16	60	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
67-64-1	Acetone	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **13A0066-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
91-20-3	Naphthalene	ND	VOA-CO	ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.0	18	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 15:09	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **13A0066-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*		*73-130*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*		*72-127*							
2037-26-5	*Surrogate: Toluene-d8*	*109 %*		*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	**676**	J	ug/kg dry	539	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	714	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
62-53-3	Aniline	ND		ug/kg dry	851	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
120-12-7	Anthracene	**1560**		ug/kg dry	813	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
56-55-3	Benzo(a)anthracene	**5110**		ug/kg dry	557	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
50-32-8	Benzo(a)pyrene	**4460**		ug/kg dry	589	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
205-99-2	Benzo(b)fluoranthene	**3910**		ug/kg dry	1250	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
191-24-2	Benzo(g,h,i)perylene	**2430**		ug/kg dry	494	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1490	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
207-08-9	Benzo(k)fluoranthene	**4050**		ug/kg dry	1490	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	822	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	717	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1000	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	387	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	512	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	759	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	524	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1030	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	804	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	491	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	872	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
218-01-9	Chrysene	**5330**		ug/kg dry	685	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
53-70-3	Dibenzo(a,h)anthracene	**1160**	J	ug/kg dry	598	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	694	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	604	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	973	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	917	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	470	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **13A0066-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	780	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1210	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	935	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1040	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	664	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1880	2980	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1300	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1250	2980	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	765	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	658	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1490	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
206-44-0	Fluoranthene	**9830**		ug/kg dry	872	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
86-73-7	Fluorene	ND		ug/kg dry	714	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	878	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	503	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1110	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	426	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**2430**		ug/kg dry	679	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
78-59-1	Isophorone	ND		ug/kg dry	512	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1140	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	566	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	646	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
91-20-3	Naphthalene	ND		ug/kg dry	366	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1480	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	616	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	438	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	560	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	405	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	497	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	610	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	673	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1120	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
85-01-8	Phenanthrene	**7290**		ug/kg dry	777	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
108-95-2	Phenol	ND		ug/kg dry	643	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **13A0066-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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
129-00-0	Pyrene	**9020**		ug/kg dry	607	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
110-86-1	Pyridine	ND		ug/kg dry	1040	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	539	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1150	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	756	1490	5	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 10:58	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*70.9 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.7 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*33.2 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*45.1 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*52.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.4 %*	*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	4970	4970	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
72-43-5	Methoxychlor	ND		ug/kg dry	491	491	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
72-20-8	Endrin	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
60-57-1	Dieldrin	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
57-74-9	Chlordane, total	ND		ug/kg dry	393	393	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
309-00-2	Aldrin	ND		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
50-29-3	4,4'-DDT	**8310**		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
72-55-9	4,4'-DDE	**896**		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
72-54-8	4,4'-DDD	**415**		ug/kg dry	98.2	98.2	250	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 15:07	JW
11096-82-5	Aroclor 1260	**82.7**		ug/kg dry	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **13A0066-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.2	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW
1336-36-3	Total PCBs	**82.7**		ug/kg dry	8.10	20.2	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:38	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*%*	*S-01*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*%*	*S-01*	*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	**7480**		mg/kg dry	1.21	2.38	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-36-0	Antimony	**1.63**		mg/kg dry	0.262	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-38-2	Arsenic	**8.25**		mg/kg dry	0.405	1.19	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-39-3	Barium	**595**		mg/kg dry	0.155	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-43-9	Cadmium	**0.847**		mg/kg dry	0.119	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-70-2	Calcium	**13200**		mg/kg dry	0.048	5.95	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-47-3	Chromium	**27.3**		mg/kg dry	0.143	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-48-4	Cobalt	**8.74**		mg/kg dry	0.095	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-50-8	Copper	**95.7**		mg/kg dry	0.143	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7439-89-6	Iron	**22800**		mg/kg dry	0.774	2.38	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7439-92-1	Lead	**679**		mg/kg dry	0.202	0.357	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7439-95-4	Magnesium	**3690**		mg/kg dry	0.536	5.95	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7439-96-5	Manganese	**322**		mg/kg dry	0.131	1.19	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-02-0	Nickel	**32.6**		mg/kg dry	0.155	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-09-7	Potassium	**1880**		mg/kg dry	4.02	11.9	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7782-49-2	Selenium	**4.92**		mg/kg dry	0.595	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-22-4	Silver	ND		mg/kg dry	0.119	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-23-5	Sodium	**264**		mg/kg dry	6.27	11.9	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-28-0	Thallium	ND		mg/kg dry	0.381	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-62-2	Vanadium	**50.9**		mg/kg dry	0.131	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW
7440-66-6	Zinc	**599**		mg/kg dry	0.107	0.595	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:01	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-1 (0'-2') **York Sample ID:** 13A0066-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	0.112	0.119	1	EPA SW846-7471	01/04/2013 10:34	01/04/2013 16:17	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	**84.0**		%	0.100	0.100	1	SM 2540G	01/04/2013 15:15	01/04/2013 15:15	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	0.417	0.595	1	SW846-7196A	01/04/2013 15:00	01/04/2013 15:00	AMC

Chromium, Trivalent

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
16065-83-1	Chromium, Trivalent	**27.3**		mg/kg	0.250	0.500	1	CALCULATION	01/07/2013 16:16	01/07/2013 16:18	AMC

Sample Information

Client Sample ID: SP-1 (10'-12') **York Sample ID:** 13A0066-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-1 (10'-12') **York Sample ID:** 13A0066-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	16	61	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
67-64-1	Acetone	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-1 (10'-12') **York Sample ID:** 13A0066-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.0	18	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 16:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*72-127*
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	110	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	146	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
62-53-3	Aniline	ND		ug/kg dry	174	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
120-12-7	Anthracene	ND		ug/kg dry	166	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	114	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	120	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	255	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-1 (10'-12')

York Sample ID: 13A0066-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	101	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	304	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	304	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	168	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	147	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	205	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	79.0	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	105	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	155	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	107	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	210	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	164	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	100	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	178	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
218-01-9	Chrysene	ND		ug/kg dry	140	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	122	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	142	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	123	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	199	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	187	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	96.1	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	159	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	248	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	191	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	213	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	136	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	265	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	383	608	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	255	608	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	156	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	134	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	304	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
206-44-0	Fluoranthene	ND		ug/kg dry	178	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
86-73-7	Fluorene	ND		ug/kg dry	146	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (10'-12')** **York Sample ID:** **13A0066-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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
118-74-1	Hexachlorobenzene	ND		ug/kg dry	179	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	103	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	226	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	86.9	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	139	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
78-59-1	Isophorone	ND		ug/kg dry	105	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	233	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	116	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	132	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
91-20-3	Naphthalene	ND		ug/kg dry	74.8	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	302	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	126	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	89.4	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	114	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	82.7	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	102	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	125	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	137	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	229	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
85-01-8	Phenanthrene	ND		ug/kg dry	159	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
108-95-2	Phenol	ND		ug/kg dry	131	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
129-00-0	Pyrene	ND		ug/kg dry	124	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
110-86-1	Pyridine	ND		ug/kg dry	213	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	110	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	236	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	154	304	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 11:30	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*73.4 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.1 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*57.1 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.6 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*66.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*83.0 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (10'-12')** **York Sample ID:** **13A0066-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	102	102	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
72-20-8	Endrin	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.02	8.02	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
309-00-2	Aldrin	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
50-29-3	4,4'-DDT	**3.53**		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:35	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.7	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.27	20.7	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 16:54	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.7 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.1 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-1 (10'-12')** **York Sample ID:** **13A0066-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**17800**		mg/kg dry	1.24	2.43	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-36-0	Antimony	ND		mg/kg dry	0.267	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-38-2	Arsenic	**2.05**		mg/kg dry	0.413	1.22	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-39-3	Barium	**48.2**		mg/kg dry	0.158	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.122	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-70-2	Calcium	**2200**		mg/kg dry	0.049	6.08	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-47-3	Chromium	**56.4**		mg/kg dry	0.146	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-48-4	Cobalt	**4.36**		mg/kg dry	0.097	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-50-8	Copper	**16.3**		mg/kg dry	0.146	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7439-89-6	Iron	**96400**		mg/kg dry	0.790	2.43	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7439-92-1	Lead	**10.1**		mg/kg dry	0.207	0.365	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7439-95-4	Magnesium	**1460**		mg/kg dry	0.547	6.08	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7439-96-5	Manganese	**866**		mg/kg dry	0.134	1.22	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-02-0	Nickel	**3.05**		mg/kg dry	0.158	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-09-7	Potassium	**533**		mg/kg dry	4.11	12.2	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7782-49-2	Selenium	**8.83**		mg/kg dry	0.608	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-22-4	Silver	ND		mg/kg dry	0.122	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-23-5	Sodium	**137**		mg/kg dry	6.41	12.2	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-28-0	Thallium	ND		mg/kg dry	0.389	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-62-2	Vanadium	**193**		mg/kg dry	0.134	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW
7440-66-6	Zinc	**21.6**		mg/kg dry	0.109	0.608	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:06	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.114	0.122	1	EPA SW846-7471	01/04/2013 10:34	01/04/2013 16:17	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-1 (10'-12') **York Sample ID:** 13A0066-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**82.2**		%	0.100	0.100	1	SM 2540G	01/04/2013 15:15	01/04/2013 15:15	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	0.426	0.608	1	SW846-7196A	01/04/2013 15:00	01/04/2013 15:00	AMC

Chromium, Trivalent

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
16065-83-1	Chromium, Trivalent	**56.4**		mg/kg	0.250	0.500	1	CALCULATION	01/07/2013 16:16	01/07/2013 16:18	AMC

Sample Information

Client Sample ID: SP-2 (0'-2') **York Sample ID:** 13A0066-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	01/04/2013 08:27	01/04/2013 16:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	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	01/04/2013 08:27	01/04/2013 16:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	15	58	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
67-64-1	Acetone	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
74-83-9	Bromomethane	**7.2**		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	18	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 16:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.3 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*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	**2280**	J	ug/kg dry	2120	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	2810	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
62-53-3	Aniline	ND		ug/kg dry	3350	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
120-12-7	Anthracene	**4770**	J	ug/kg dry	3190	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
56-55-3	Benzo(a)anthracene	**12700**		ug/kg dry	2190	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
50-32-8	Benzo(a)pyrene	**11400**		ug/kg dry	2320	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
205-99-2	Benzo(b)fluoranthene	**9530**		ug/kg dry	4900	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
191-24-2	Benzo(g,h,i)perylene	**8360**		ug/kg dry	1940	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	5850	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
207-08-9	Benzo(k)fluoranthene	**12200**		ug/kg dry	5850	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	3230	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	2820	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	3940	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1520	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	2010	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	2980	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	2060	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	4040	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	3160	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1930	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	3430	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
218-01-9	Chrysene	**12500**		ug/kg dry	2690	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
53-70-3	Dibenzo(a,h)anthracene	**3900**	J	ug/kg dry	2350	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	2730	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	2370	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3830	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3600	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1850	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	3060	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	4770	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	3670	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	4090	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	2610	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	5100	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	7370	11700	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	4910	11700	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	3010	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2590	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	5850	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
206-44-0	Fluoranthene	**26900**		ug/kg dry	3430	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
86-73-7	Fluorene	ND		ug/kg dry	2810	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	3450	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1980	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	4350	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1670	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**7530**		ug/kg dry	2670	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	2010	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	4490	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2220	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	2540	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
91-20-3	Naphthalene	ND		ug/kg dry	1440	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	5810	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2420	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1720	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2200	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1590	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1950	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	2400	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2640	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	4410	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
85-01-8	Phenanthrene	**21200**		ug/kg dry	3050	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
108-95-2	Phenol	ND		ug/kg dry	2530	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
129-00-0	Pyrene	**21100**		ug/kg dry	2390	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
110-86-1	Pyridine	ND		ug/kg dry	4110	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2120	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	4540	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	2970	5850	20	EPA SW-846 8270C	01/04/2013 14:28	01/08/2013 23:10	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	*S-06*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*%*	*S-06*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	*S-06*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*%*	*S-06*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*%*	*S-06*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	*S-06*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	97.7	97.7	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.65	9.65	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.72	7.72	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
50-29-3	4,4'-DDT	**160**		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
72-55-9	4,4'-DDE	**31.2**		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
72-54-8	4,4'-DDD	**3.04**		ug/kg dry	1.93	1.93	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 11:50	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.9	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.95	19.9	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:10	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.1 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.1 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**6700**		mg/kg dry	1.19	2.34	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-36-0	Antimony	**3.60**		mg/kg dry	0.257	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-38-2	Arsenic	**29.6**		mg/kg dry	0.398	1.17	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-39-3	Barium	**1160**		mg/kg dry	0.152	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-43-9	Cadmium	**1.91**		mg/kg dry	0.117	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-70-2	Calcium	**20000**		mg/kg dry	0.047	5.85	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-47-3	Chromium	**32.2**		mg/kg dry	0.140	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-48-4	Cobalt	**7.78**		mg/kg dry	0.094	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-50-8	Copper	**222**		mg/kg dry	0.140	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7439-89-6	Iron	**33200**		mg/kg dry	0.760	2.34	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7439-92-1	Lead	**1480**		mg/kg dry	0.199	0.351	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7439-95-4	Magnesium	**2430**		mg/kg dry	0.526	5.85	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7439-96-5	Manganese	**366**		mg/kg dry	0.129	1.17	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-02-0	Nickel	**27.3**		mg/kg dry	0.152	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-09-7	Potassium	**1010**		mg/kg dry	3.95	11.7	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7782-49-2	Selenium	**7.32**		mg/kg dry	0.585	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-22-4	Silver	ND		mg/kg dry	0.117	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-23-5	Sodium	**194**		mg/kg dry	6.16	11.7	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-28-0	Thallium	ND		mg/kg dry	0.374	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-62-2	Vanadium	**55.4**		mg/kg dry	0.129	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW
7440-66-6	Zinc	**615**		mg/kg dry	0.105	0.585	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:13	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.110	0.117	1	EPA SW846-7471	01/04/2013 10:34	01/04/2013 16:17	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **13A0066-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**85.5**		%	0.100	0.100	1	SM 2540G	01/04/2013 15:15	01/04/2013 15:15	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	0.409	0.585	1	SW846-7196A	01/04/2013 15:00	01/04/2013 15:00	AMC

Chromium, Trivalent

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
16065-83-1	Chromium, Trivalent	**32.2**		mg/kg	0.250	0.500	1	CALCULATION	01/07/2013 16:16	01/07/2013 16:18	AMC

Sample Information

Client Sample ID: **SP-2 (10'-12')** **York Sample ID:** **13A0066-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (10'-12')** **York Sample ID:** **13A0066-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	17	63	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
67-64-1	Acetone	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
71-43-2	Benzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
74-83-9	Bromomethane	**6.0**	J	ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (10'-12')** **York Sample ID:** **13A0066-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.3	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.2	19	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.7 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*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	115	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	152	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
62-53-3	Aniline	ND		ug/kg dry	181	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
120-12-7	Anthracene	ND		ug/kg dry	173	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	119	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	126	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	266	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	105	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	317	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	317	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	175	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-2 (10'-12')

York Sample ID: 13A0066-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	153	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	214	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	82.5	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	109	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	162	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	112	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	219	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	171	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	105	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	186	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
218-01-9	Chrysene	ND		ug/kg dry	146	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	128	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	148	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	129	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	208	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	195	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	100	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	166	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	259	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	199	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	222	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	142	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	400	635	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	277	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	267	635	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	163	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	140	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	317	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
206-44-0	Fluoranthene	ND		ug/kg dry	186	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
86-73-7	Fluorene	ND		ug/kg dry	152	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	187	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	107	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	236	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	90.7	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (10'-12')** **York Sample ID:** **13A0066-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	145	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
78-59-1	Isophorone	ND		ug/kg dry	109	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	244	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	121	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	138	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
91-20-3	Naphthalene	ND		ug/kg dry	78.1	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	315	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	131	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	93.3	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	119	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	86.3	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	106	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	130	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	143	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	239	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
85-01-8	Phenanthrene	ND		ug/kg dry	166	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
108-95-2	Phenol	ND		ug/kg dry	137	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
129-00-0	Pyrene	ND		ug/kg dry	129	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
110-86-1	Pyridine	ND		ug/kg dry	223	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	115	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	246	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	161	317	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 12:33	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*78.0 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.8 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*50.8 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.3 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*60.1 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*81.4 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (10'-12')** **York Sample ID:** **13A0066-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	106	106	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	10.5	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
72-20-8	Endrin	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.38	8.38	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
309-00-2	Aldrin	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.09	2.09	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:06	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.63	21.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:26	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.1 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.8 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-2 (10'-12')** **York Sample ID:** **13A0066-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**20500**		mg/kg dry	1.29	2.54	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.279	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-38-2	Arsenic	**7.43**		mg/kg dry	0.432	1.27	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-39-3	Barium	**36.5**		mg/kg dry	0.165	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.127	0.127	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.127	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-70-2	Calcium	**1190**		mg/kg dry	0.051	6.35	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-47-3	Chromium	**60.8**		mg/kg dry	0.152	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-48-4	Cobalt	**2.51**		mg/kg dry	0.102	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-50-8	Copper	**8.32**		mg/kg dry	0.152	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7439-89-6	Iron	**94200**		mg/kg dry	0.825	2.54	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7439-92-1	Lead	**12.7**		mg/kg dry	0.216	0.381	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7439-95-4	Magnesium	**733**		mg/kg dry	0.571	6.35	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7439-96-5	Manganese	**417**		mg/kg dry	0.140	1.27	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-02-0	Nickel	**3.75**		mg/kg dry	0.165	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-09-7	Potassium	**485**		mg/kg dry	4.29	12.7	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7782-49-2	Selenium	**9.04**		mg/kg dry	0.635	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.127	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-23-5	Sodium	**139**		mg/kg dry	6.69	12.7	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-28-0	Thallium	ND		mg/kg dry	0.406	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-62-2	Vanadium	**210**		mg/kg dry	0.140	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	MW
7440-66-6	Zinc	**13.6**		mg/kg dry	0.114	0.635	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:19	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	ND		mg/kg dry	0.119	0.127	1	EPA SW846-7471	01/04/2013 10:34	01/04/2013 16:17	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-2 (10'-12') **York Sample ID:** 13A0066-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**78.8**		%	0.100	0.100	1	SM 2540G	01/04/2013 15:15	01/04/2013 15:15	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	0.444	0.635	1	SW846-7196A	01/04/2013 15:00	01/04/2013 15:00	AMC

Chromium, Trivalent

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
16065-83-1	Chromium, Trivalent	**60.8**		mg/kg	0.250	0.500	1	CALCULATION	01/07/2013 16:16	01/07/2013 16:18	AMC

Sample Information

Client Sample ID: SP-3 (0'-2') **York Sample ID:** 13A0066-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **13A0066-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	16	61	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
67-64-1	Acetone	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
74-83-9	Bromomethane	**3.0**	J	ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **13A0066-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.0	18	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 17:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.5 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*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	**140**	J	ug/kg dry	110	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	145	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
62-53-3	Aniline	ND		ug/kg dry	173	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
120-12-7	Anthracene	**248**	J	ug/kg dry	165	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
56-55-3	Benzo(a)anthracene	**684**		ug/kg dry	113	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
50-32-8	Benzo(a)pyrene	**527**		ug/kg dry	120	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
205-99-2	Benzo(b)fluoranthene	**479**		ug/kg dry	254	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
191-24-2	Benzo(g,h,i)perylene	**187**	J	ug/kg dry	101	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	303	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
207-08-9	Benzo(k)fluoranthene	**542**		ug/kg dry	303	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	167	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	146	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **13A0066-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	204	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	78.7	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	104	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	154	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	107	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	209	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	163	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	99.9	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	177	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
218-01-9	Chrysene	**713**		ug/kg dry	139	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	122	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	141	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	123	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	198	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	186	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	95.7	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	159	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	247	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	190	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	212	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	135	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	264	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	381	605	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	254	605	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	156	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	134	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	303	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
206-44-0	Fluoranthene	**1190**		ug/kg dry	177	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
86-73-7	Fluorene	**166**	J	ug/kg dry	145	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	179	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	102	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	225	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	86.6	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**215**	J	ug/kg dry	138	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **13A0066-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	104	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	232	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	115	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	131	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
91-20-3	Naphthalene	**113**	J	ug/kg dry	74.5	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	301	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	125	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	89.0	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	114	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	82.3	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	101	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	124	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	137	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	228	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
85-01-8	Phenanthrene	**1190**		ug/kg dry	158	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
108-95-2	Phenol	ND		ug/kg dry	131	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
129-00-0	Pyrene	**1210**		ug/kg dry	124	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
110-86-1	Pyridine	ND		ug/kg dry	213	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	110	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	235	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	154	303	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:04	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*79.3 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.1 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*54.3 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.1 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*62.7 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.9 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **13A0066-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	101	101	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.99	9.99	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.99	7.99	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	2.00	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:21	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.6	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.23	20.6	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:42	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.3 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **13A0066-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**11100**		mg/kg dry	1.24	2.42	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-36-0	Antimony	**0.607**		mg/kg dry	0.266	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-38-2	Arsenic	**7.84**		mg/kg dry	0.412	1.21	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-39-3	Barium	**152**		mg/kg dry	0.157	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.121	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-70-2	Calcium	**4080**		mg/kg dry	0.048	6.05	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-47-3	Chromium	**29.8**		mg/kg dry	0.145	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-48-4	Cobalt	**12.5**		mg/kg dry	0.097	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-50-8	Copper	**274**		mg/kg dry	0.145	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7439-89-6	Iron	**24500**		mg/kg dry	0.787	2.42	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7439-92-1	Lead	**204**		mg/kg dry	0.206	0.363	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7439-95-4	Magnesium	**4800**		mg/kg dry	0.545	6.05	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7439-96-5	Manganese	**486**		mg/kg dry	0.133	1.21	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-02-0	Nickel	**26.8**		mg/kg dry	0.157	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-09-7	Potassium	**2960**		mg/kg dry	4.09	12.1	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7782-49-2	Selenium	**4.46**		mg/kg dry	0.605	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-22-4	Silver	ND		mg/kg dry	0.121	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-23-5	Sodium	**252**		mg/kg dry	6.38	12.1	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-28-0	Thallium	ND		mg/kg dry	0.387	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-62-2	Vanadium	**41.8**		mg/kg dry	0.133	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	MW
7440-66-6	Zinc	**136**		mg/kg dry	0.109	0.605	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:26	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	0.114	0.121	1	EPA SW846-7471	01/04/2013 10:34	01/04/2013 16:17	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SP-3 (0'-2') **York Sample ID:** 13A0066-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**82.6**		%	0.100	0.100	1	SM 2540G	01/04/2013 15:15	01/04/2013 15:15	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	0.424	0.605	1	SW846-7196A	01/04/2013 15:00	01/04/2013 15:00	AMC

Chromium, Trivalent

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
16065-83-1	Chromium, Trivalent	**29.8**		mg/kg	0.250	0.500	1	CALCULATION	01/07/2013 16:16	01/07/2013 16:18	AMC

Sample Information

Client Sample ID: SP-3 (6'-8') **York Sample ID:** 13A0066-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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

Sample Prepared by Method: EPA 5035B

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	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	15	57	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
67-64-1	Acetone	**8.0**	J	ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035B

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	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	17	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	11	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 17:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.9 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*93.2 %*	*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	104	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	138	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
62-53-3	Aniline	ND		ug/kg dry	164	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
120-12-7	Anthracene	ND		ug/kg dry	157	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	107	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	114	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	241	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	95.4	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	287	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	287	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	159	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	138	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	194	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	74.7	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	98.8	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	146	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	101	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	198	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	155	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	94.8	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	168	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
218-01-9	Chrysene	ND		ug/kg dry	132	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	115	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	134	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	117	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	188	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	177	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	90.8	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	150	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	234	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	180	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	201	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	128	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	250	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	362	574	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	241	574	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	148	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	127	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	287	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
206-44-0	Fluoranthene	ND		ug/kg dry	168	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
86-73-7	Fluorene	ND		ug/kg dry	138	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	169	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	97.1	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	214	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	82.1	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	131	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
78-59-1	Isophorone	ND		ug/kg dry	98.8	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	221	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	109	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	125	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
91-20-3	Naphthalene	ND		ug/kg dry	70.7	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	285	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	119	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	84.4	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	108	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	78.1	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	95.9	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	118	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	130	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	217	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
85-01-8	Phenanthrene	ND		ug/kg dry	150	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
108-95-2	Phenol	ND		ug/kg dry	124	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
129-00-0	Pyrene	ND		ug/kg dry	117	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
110-86-1	Pyridine	ND		ug/kg dry	202	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	104	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	223	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	146	287	1	EPA SW-846 8270C	01/04/2013 14:28	01/07/2013 13:36	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*73.9 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.5 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*53.4 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.1 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*62.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.7 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	95.9	95.9	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.48	9.48	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.58	7.58	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	1.90	5	EPA SW 846-8081/8082	01/04/2013 14:32	01/08/2013 12:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.5	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.81	19.5	1	EPA SW 846-8081/8082	01/04/2013 14:32	01/07/2013 17:59	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.7 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**8180**		mg/kg dry	1.17	2.30	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-36-0	Antimony	ND		mg/kg dry	0.253	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-38-2	Arsenic	**2.01**		mg/kg dry	0.391	1.15	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-39-3	Barium	**124**		mg/kg dry	0.149	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.115	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-70-2	Calcium	**2110**		mg/kg dry	0.046	5.74	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-47-3	Chromium	**28.8**		mg/kg dry	0.138	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-48-4	Cobalt	**15.3**		mg/kg dry	0.092	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-50-8	Copper	**17.7**		mg/kg dry	0.138	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7439-89-6	Iron	**26400**		mg/kg dry	7.47	23.0	10	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7439-92-1	Lead	**5.37**		mg/kg dry	0.195	0.345	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7439-95-4	Magnesium	**3620**		mg/kg dry	0.517	5.74	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7439-96-5	Manganese	**1380**		mg/kg dry	1.26	11.5	10	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-02-0	Nickel	**18.9**		mg/kg dry	0.149	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-09-7	Potassium	**2160**		mg/kg dry	3.88	11.5	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7782-49-2	Selenium	**5.07**		mg/kg dry	0.574	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-22-4	Silver	ND		mg/kg dry	0.115	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-23-5	Sodium	**165**		mg/kg dry	6.05	11.5	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-28-0	Thallium	ND		mg/kg dry	0.368	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-62-2	Vanadium	**44.7**		mg/kg dry	0.126	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	MW
7440-66-6	Zinc	**47.5**		mg/kg dry	0.103	0.574	1	EPA SW846-6010B	01/07/2013 09:27	01/07/2013 11:31	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	01/04/2013 10:34	01/04/2013 16:17	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **13A0066-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Soil	January 2, 2013 3:00 pm	01/03/2013

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	**87.0**		%	0.100	0.100	1	SM 2540G	01/04/2013 15:15	01/04/2013 15:15	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	0.402	0.574	1	SW846-7196A	01/04/2013 15:00	01/04/2013 15:00	AMC

Chromium, Trivalent

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
16065-83-1	Chromium, Trivalent	**28.8**		mg/kg	0.250	0.500	1	CALCULATION	01/07/2013 16:16	01/07/2013 16:18	AMC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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	01/07/2013 08:20	01/07/2013 13:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
67-64-1	Acetone	**6.3**	J	ug/L	6.1	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 13:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*87.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*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	01/07/2013 09:56	01/07/2013 17:28	SR
208-96-8	Acenaphthylene	ND		ug/L	1.83	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
120-12-7	Anthracene	ND		ug/L	1.25	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.38	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.37	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.48	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.80	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.03	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.88	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
218-01-9	Chrysene	ND		ug/L	1.55	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.64	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.68	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.71	10.5	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.37	10.5	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
206-44-0	Fluoranthene	ND		ug/L	1.31	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
86-73-7	Fluorene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.34	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.94	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
67-72-1	Hexachloroethane	ND		ug/L	3.20	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.79	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.18	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
95-48-7	2-Methylphenol	ND		ug/L	1.22	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
91-20-3	Naphthalene	ND		ug/L	2.09	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
98-95-3	Nitrobenzene	ND		ug/L	1.78	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.48	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.75	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.409	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
85-01-8	Phenanthrene	ND		ug/L	1.44	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
108-95-2	Phenol	ND		ug/L	1.16	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
129-00-0	Pyrene	ND		ug/L	1.82	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.84	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.01	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 17:28	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*91.2 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.9 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*34.4 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*100 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*21.5 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*77.6 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
72-43-5	Methoxychlor	ND		ug/L	0.00625	0.00625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
76-44-8	Heptachlor	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
72-20-8	Endrin	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
959-98-8	Endosulfan I	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
60-57-1	Dieldrin	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
319-86-8	delta-BHC	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
57-74-9	Chlordane, total	ND		ug/L	0.00500	0.00500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
319-85-7	beta-BHC	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
319-84-6	alpha-BHC	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
309-00-2	Aldrin	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00125	0.00125	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 15:22	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW
1336-36-3	Total PCBs	ND		ug/L	0.0625	0.0625	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 11:03	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.3 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.3 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-39-3	Barium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-70-2	Calcium	**0.182**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7439-89-6	Iron	**0.038**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7439-95-4	Magnesium	**0.071**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7439-96-5	Manganese	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-09-7	Potassium	ND		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-23-5	Sodium	ND		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:20	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	01/04/2013 10:55	01/04/2013 10:55	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0066-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

Chromium, Hexavalent

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

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	HT-02	mg/L	0.00600	0.0100	1	SW846-7196A	01/03/2013 16:30	01/03/2013 16:30	AD

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	01/08/2013 09:52	01/08/2013 09:52	AMC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13A0066-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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	01/07/2013 08:20	01/07/2013 14:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13A0066-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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	01/07/2013 08:20	01/07/2013 14:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13A0066-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0066	#120266 79 Clay Street Brooklyn, NY	Water	January 2, 2013 3:00 pm	01/03/2013

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	01/07/2013 08:20	01/07/2013 14:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/07/2013 08:20	01/07/2013 14:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*86.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA30104 **Preparation Method:** EPA SW846-3060 **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/04/13
13A0066-02	SP-1 (10'-12')	01/04/13
13A0066-03	SP-2 (0'-2')	01/04/13
13A0066-04	SP-2 (10'-12')	01/04/13
13A0066-05	SP-3 (0'-2')	01/04/13
13A0066-06	SP-3 (6'-8')	01/04/13
BA30104-BLK1	Blank	01/04/13
BA30104-SRM1	Reference	01/04/13

Batch ID: BA30114 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/04/13
BA30114-BLK1	Blank	01/04/13
BA30114-BS1	LCS	01/04/13
BA30114-BS2	LCS	01/04/13

Batch ID: BA30115 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/04/13
13A0066-02	SP-1 (10'-12')	01/04/13
13A0066-03	SP-2 (0'-2')	01/04/13
13A0066-04	SP-2 (10'-12')	01/04/13
13A0066-05	SP-3 (0'-2')	01/04/13
13A0066-06	SP-3 (6'-8')	01/04/13
BA30115-BLK1	Blank	01/04/13
BA30115-BS1	LCS	01/04/13
BA30115-DUP1	Duplicate	01/04/13
BA30115-MS1	Matrix Spike	01/04/13

Batch ID: BA30123 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/04/13
13A0066-02	SP-1 (10'-12')	01/04/13
13A0066-03	SP-2 (0'-2')	01/04/13
13A0066-04	SP-2 (10'-12')	01/04/13
13A0066-05	SP-3 (0'-2')	01/04/13
13A0066-06	SP-3 (6'-8')	01/04/13

Batch ID: BA30125 **Preparation Method:** EPA 5035B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/04/13
13A0066-03	SP-2 (0'-2')	01/04/13

13A0066-04	SP-2 (10'-12')	01/04/13
13A0066-05	SP-3 (0'-2')	01/04/13
BA30125-BLK1	Blank	01/04/13
BA30125-BS1	LCS	01/04/13
BA30125-BSD1	LCS Dup	01/04/13

Batch ID: BA30129 **Preparation Method:** EPA 3550B **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/04/13
13A0066-02	SP-1 (10'-12')	01/04/13
13A0066-03	SP-2 (0'-2')	01/04/13
13A0066-04	SP-2 (10'-12')	01/04/13
13A0066-05	SP-3 (0'-2')	01/04/13
13A0066-06	SP-3 (6'-8')	01/04/13
BA30129-BLK1	Blank	01/04/13
BA30129-BS1	LCS	01/04/13

Batch ID: BA30130 **Preparation Method:** EPA 3550B **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/04/13
13A0066-02	SP-1 (10'-12')	01/04/13
13A0066-03	SP-2 (0'-2')	01/04/13
13A0066-04	SP-2 (10'-12')	01/04/13
13A0066-05	SP-3 (0'-2')	01/04/13
13A0066-06	SP-3 (6'-8')	01/04/13
BA30130-BLK1	Blank	01/04/13
BA30130-BS1	LCS	01/04/13
BA30130-BS2	LCS	01/04/13

Batch ID: BA30145 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/07/13
13A0066-02	SP-1 (10'-12')	01/07/13
13A0066-03	SP-2 (0'-2')	01/07/13
13A0066-04	SP-2 (10'-12')	01/07/13
13A0066-05	SP-3 (0'-2')	01/07/13
13A0066-06	SP-3 (6'-8')	01/07/13
BA30145-BLK1	Blank	01/07/13
BA30145-SRM1	Reference	01/07/13

Batch ID: BA30148 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/07/13
BA30148-BLK1	Blank	01/07/13
BA30148-BS1	LCS	01/07/13
BA30148-BSD1	LCS Dup	01/07/13

Batch ID: BA30151 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/07/13
13A0066-08	Trip Blank	01/07/13
BA30151-BLK1	Blank	01/07/13
BA30151-BS1	LCS	01/07/13
BA30151-BSD1	LCS Dup	01/07/13

Batch ID: BA30152 **Preparation Method:** EPA 5035B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-02	SP-1 (10'-12')	01/07/13
13A0066-06	SP-3 (6'-8')	01/07/13
BA30152-BLK1	Blank	01/07/13
BA30152-BS1	LCS	01/07/13
BA30152-BSD1	LCS Dup	01/07/13

Batch ID: BA30173 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/07/13
BA30173-BLK1	Blank	01/07/13
BA30173-SRM1	Reference	01/07/13
BA30173-SRM2	Reference	01/07/13

Batch ID: BA30183 **Preparation Method:** EPA SW846-3060 **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-01	SP-1 (0'-2')	01/07/13
13A0066-02	SP-1 (10'-12')	01/07/13
13A0066-03	SP-2 (0'-2')	01/07/13
13A0066-04	SP-2 (10'-12')	01/07/13
13A0066-05	SP-3 (0'-2')	01/07/13
13A0066-06	SP-3 (6'-8')	01/07/13

Batch ID: BA30199 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/03/13
BA30199-BLK1	Blank	01/03/13
BA30199-BS1	LCS	01/03/13
BA30199-DUP1	Duplicate	01/03/13
BA30199-MS1	Matrix Spike	01/03/13

Batch ID: BA30201 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/08/13
BA30201-BLK1	Blank	01/08/13

BA30201-BS1	LCS	01/08/13
BA30201-BS2	LCS	01/08/13
BA30201-BSD1	LCS Dup	01/08/13
BA30201-BSD2	LCS Dup	01/08/13

Batch ID: BA30206 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0066-07	Field Blank	01/08/13

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 BA30125 - EPA 5035B											
Blank (BA30125-BLK1)								Prepared & Analyzed: 01/04/2013			
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 BA30125 - EPA 5035B											
Blank (BA30125-BLK1)							Prepared & Analyzed: 01/04/2013				
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	*49.9*		*ug/L*	*50.0*		*99.9*	*73-130*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*72-127*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*84-117*				
LCS (BA30125-BS1)							Prepared & Analyzed: 01/04/2013				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	72-132				
1,1,1-Trichloroethane	57		"	50.0		114	77-131				
1,1,2,2-Tetrachloroethane	46		"	50.0		91.1	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	71		"	50.0		141	75-143				
1,1,2-Trichloroethane	46		"	50.0		92.5	72-128				
1,1-Dichloroethane	43		"	50.0		85.7	78-133				
1,1-Dichloroethylene	62		"	50.0		125	71-142				
1,1-Dichloropropylene	56		"	50.0		111	77-124				
1,2,3-Trichlorobenzene	50		"	50.0		99.8	65-134				
1,2,3-Trichloropropane	45		"	50.0		89.6	65-127				
1,2,4-Trichlorobenzene	52		"	50.0		104	59-133				
1,2,4-Trimethylbenzene	49		"	50.0		97.3	68-128				
1,2-Dibromo-3-chloropropane	51		"	50.0		102	58-145				
1,2-Dibromoethane	47		"	50.0		94.5	73-128				
1,2-Dichlorobenzene	50		"	50.0		99.3	69-126				
1,2-Dichloroethane	52		"	50.0		103	78-131				
1,2-Dichloropropane	51		"	50.0		102	72-129				
1,3,5-Trimethylbenzene	51		"	50.0		101	67-125				
1,3-Dichlorobenzene	51		"	50.0		102	67-125				
1,3-Dichloropropane	47		"	50.0		94.8	73-126				
1,4-Dichlorobenzene	51		"	50.0		103	67-127				
1,4-Dioxane	22		"	50.0		43.0	10-265				
2,2-Dichloropropane	36		"	50.0		72.9	68-133				
2-Butanone	47		"	50.0		93.9	49-138				
2-Chlorotoluene	47		"	50.0		94.4	61-121				
4-Chlorotoluene	49		"	50.0		98.8	65-126				
Acetone	56		"	50.0		112	21-131				
Benzene	56		"	50.0		112	81-125				
Bromobenzene	47		"	50.0		93.4	65-125				
Bromochloromethane	48		"	50.0		95.9	78-127				
Bromodichloromethane	50		"	50.0		99.6	73-131				
Bromoform	48		"	50.0		95.6	66-137				
Bromomethane	72		"	50.0		144	55-144				
Carbon tetrachloride	59		"	50.0		118	74-137				
Chlorobenzene	52		"	50.0		104	75-127				
Chloroethane	50		"	50.0		100	65-138				
Chloroform	53		"	50.0		106	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 BA30125 - EPA 5035B											
LCS (BA30125-BS1)								Prepared & Analyzed: 01/04/2013			
Chloromethane	54		ug/L	50.0		108	51-138				
cis-1,2-Dichloroethylene	52		"	50.0		105	77-130				
cis-1,3-Dichloropropylene	50		"	50.0		101	68-123				
Dibromochloromethane	50		"	50.0		100	73-136				
Dibromomethane	46		"	50.0		91.4	75-131				
Dichlorodifluoromethane	65		"	50.0		130	10-183				
Ethyl Benzene	54		"	50.0		109	75-130				
Hexachlorobutadiene	56		"	50.0		112	59-130				
Isopropylbenzene	51		"	50.0		102	68-135				
Methyl tert-butyl ether (MTBE)	14		"	50.0		28.5	76-136	Low Bias			
Methylene chloride	56		"	50.0		112	55-143				
Naphthalene	47		"	50.0		94.9	65-140				
n-Butylbenzene	49		"	50.0		97.6	63-123				
n-Propylbenzene	50		"	50.0		101	65-127				
o-Xylene	52		"	50.0		103	71-123				
p- & m- Xylenes	110		"	100		107	72-127				
p-Isopropyltoluene	52		"	50.0		104	69-128				
sec-Butylbenzene	52		"	50.0		104	69-125				
Styrene	55		"	50.0		109	74-127				
tert-Butylbenzene	52		"	50.0		104	59-164				
Tetrachloroethylene	57		"	50.0		115	65-151				
Toluene	52		"	50.0		103	72-127				
trans-1,2-Dichloroethylene	49		"	50.0		97.4	73-137				
trans-1,3-Dichloropropylene	47		"	50.0		93.3	67-131				
Trichloroethylene	53		"	50.0		106	73-129				
Trichlorofluoromethane	61		"	50.0		123	69-136				
Vinyl Chloride	64		"	50.0		128	58-132				
Vinyl acetate	65		"	50.0		129	10-84	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.8*	*73-130*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*72-127*				
Surrogate: Toluene-d8	*47.3*		*"*	*50.0*		*94.5*	*84-117*				

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Batch BA30125 - EPA 5035B

LCS Dup (BA30125-BSD1) — Prepared & Analyzed: 01/04/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	72-132		1.27	30	
1,1,1-Trichloroethane	58		"	50.0		116	77-131		1.76	30	
1,1,2,2-Tetrachloroethane	47		"	50.0		93.4	68-129		2.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	66		"	50.0		131	75-143		7.20	30	
1,1,2-Trichloroethane	48		"	50.0		96.9	72-128		4.73	30	
1,1-Dichloroethane	58		"	50.0		115	78-133		29.4	30	
1,1-Dichloroethylene	57		"	50.0		115	71-142		8.21	30	
1,1-Dichloropropylene	55		"	50.0		111	77-124		0.829	30	
1,2,3-Trichlorobenzene	51		"	50.0		102	65-134		2.49	30	
1,2,3-Trichloropropane	48		"	50.0		95.7	65-127		6.50	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	59-133		2.57	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.3	68-128		2.08	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	58-145		0.528	30	
1,2-Dibromoethane	50		"	50.0		99.7	73-128		5.34	30	
1,2-Dichlorobenzene	51		"	50.0		102	69-126		2.39	30	
1,2-Dichloroethane	53		"	50.0		105	78-131		2.13	30	
1,2-Dichloropropane	52		"	50.0		105	72-129		3.33	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	67-125		0.768	30	
1,3-Dichlorobenzene	53		"	50.0		105	67-125		3.00	30	
1,3-Dichloropropane	48		"	50.0		96.7	73-126		1.98	30	
1,4-Dichlorobenzene	53		"	50.0		105	67-127		2.68	30	
1,4-Dioxane	29		"	50.0		58.3	10-265		30.2	30	Non-dir.
2,2-Dichloropropane	56		"	50.0		113	68-133		43.0	30	Non-dir.
2-Butanone	47		"	50.0		94.1	49-138		0.149	30	
2-Chlorotoluene	49		"	50.0		98.6	61-121		4.37	30	
4-Chlorotoluene	50		"	50.0		101	65-126		1.90	30	
Acetone	47		"	50.0		94.3	21-131		17.1	30	
Benzene	57		"	50.0		113	81-125		1.16	30	
Bromobenzene	49		"	50.0		97.4	65-125		4.19	30	
Bromochloromethane	52		"	50.0		104	78-127		8.47	30	
Bromodichloromethane	53		"	50.0		105	73-131		5.62	30	
Bromoform	51		"	50.0		101	66-137		5.61	30	
Bromomethane	67		"	50.0		134	55-144		7.38	30	
Carbon tetrachloride	60		"	50.0		119	74-137		1.06	30	
Chlorobenzene	52		"	50.0		104	75-127		0.115	30	
Chloroethane	45		"	50.0		90.9	65-138		10.0	30	
Chloroform	55		"	50.0		110	82-128		3.63	30	
Chloromethane	49		"	50.0		98.0	51-138		9.76	30	
cis-1,2-Dichloroethylene	56		"	50.0		112	77-130		6.81	30	
cis-1,3-Dichloropropylene	53		"	50.0		105	68-123		4.49	30	
Dibromochloromethane	51		"	50.0		101	73-136		0.655	30	
Dibromomethane	50		"	50.0		100	75-131		9.12	30	
Dichlorodifluoromethane	57		"	50.0		114	10-183		13.1	30	
Ethyl Benzene	54		"	50.0		107	75-130		1.24	30	
Hexachlorobutadiene	57		"	50.0		114	59-130		1.99	30	
Isopropylbenzene	53		"	50.0		106	68-135		3.13	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	76-136		115	30	Non-dir.
Methylene chloride	53		"	50.0		105	55-143		5.95	30	
Naphthalene	49		"	50.0		98.5	65-140		3.74	30	
n-Butylbenzene	50		"	50.0		99.1	63-123		1.46	30	
n-Propylbenzene	51		"	50.0		101	65-127		0.534	30	
o-Xylene	51		"	50.0		102	71-123		1.74	30	
p- & m- Xylenes	110		"	100		106	72-127		0.806	30	
p-Isopropyltoluene	53		"	50.0		105	69-128		1.16	30	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30125 - EPA 5035B											
LCS Dup (BA30125-BSD1)								Prepared & Analyzed: 01/04/2013			
sec-Butylbenzene	53		ug/L	50.0		106	69-125		2.06	30	
Styrene	53		"	50.0		107	74-127		2.22	30	
tert-Butylbenzene	52		"	50.0		105	59-164		0.651	30	
Tetrachloroethylene	57		"	50.0		114	65-151		0.683	30	
Toluene	53		"	50.0		105	72-127		1.71	30	
trans-1,2-Dichloroethylene	58		"	50.0		116	73-137		17.1	30	
trans-1,3-Dichloropropylene	50		"	50.0		100	67-131		7.39	30	
Trichloroethylene	54		"	50.0		107	73-129		1.18	30	
Trichlorofluoromethane	57		"	50.0		115	69-136		6.58	30	
Vinyl Chloride	58		"	50.0		116	58-132		10.6	30	
Vinyl acetate	89		"	50.0		178	10-84	High Bias	31.9	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*73-130*				
Surrogate: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*72-127*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*84-117*				
Batch BA30151 - EPA 5030B											
Blank (BA30151-BLK1)								Prepared & Analyzed: 01/07/2013			
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	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30151 - EPA 5030B											
Blank (BA30151-BLK1)								Prepared & Analyzed: 01/07/2013			
Chloromethane	ND	5.0	ug/L								
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	*43.5*		*"*	*50.0*		*87.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.8*	*63.5-145*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30151 - EPA 5030B											
LCS (BA30151-BS1)							Prepared & Analyzed: 01/07/2013				
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		96.7	82.3-130				
1,1,1-Trichloroethane	48		"	50.0		95.2	75.6-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	71.1-129				
1,1,2-Trichloroethane	50		"	50.0		101	74.5-129				
1,1-Dichloroethane	51		"	50.0		102	79.6-132				
1,1-Dichloroethylene	46		"	50.0		91.1	80.2-146				
1,1-Dichloropropylene	50		"	50.0		100	75-136				
1,2,3-Trichlorobenzene	53		"	50.0		107	66.1-136				
1,2,3-Trichloropropane	44		"	50.0		87.3	63-131				
1,2,4-Trichlorobenzene	53		"	50.0		105	70.6-136				
1,2,4-Trimethylbenzene	45		"	50.0		90.5	75.3-135				
1,2-Dibromo-3-chloropropane	38		"	50.0		76.7	58.9-140				
1,2-Dibromoethane	49		"	50.0		98.0	79-130				
1,2-Dichlorobenzene	50		"	50.0		99.6	76.1-122				
1,2-Dichloroethane	46		"	50.0		92.6	74.6-132				
1,2-Dichloropropane	51		"	50.0		101	76.9-129				
1,3,5-Trimethylbenzene	45		"	50.0		90.3	70.6-127				
1,3-Dichlorobenzene	50		"	50.0		101	77-124				
1,3-Dichloropropane	49		"	50.0		98.6	75.8-126				
1,4-Dichlorobenzene	50		"	50.0		99.4	76.6-125				
2,2-Dichloropropane	45		"	50.0		90.5	69-133				
2-Butanone	48		"	50.0		95.9	70-130				
2-Chlorotoluene	45		"	50.0		90.2	66.3-119				
4-Chlorotoluene	46		"	50.0		91.3	69.2-127				
Acetone	33		"	50.0		65.1	70-130	Low Bias			
Benzene	55		"	50.0		110	76.2-129				
Bromobenzene	45		"	50.0		90.4	71.3-123				
Bromochloromethane	52		"	50.0		105	70.8-137				
Bromodichloromethane	46		"	50.0		91.9	79.7-134				
Bromoform	45		"	50.0		89.6	70.5-141				
Bromomethane	46		"	50.0		91.6	43.9-147				
Carbon tetrachloride	47		"	50.0		95.0	78.1-138				
Chlorobenzene	50		"	50.0		100	80.4-125				
Chloroethane	48		"	50.0		96.2	55.8-140				
Chloroform	50		"	50.0		99.4	76.6-133				
Chloromethane	46		"	50.0		91.8	48.8-115				
cis-1,2-Dichloroethylene	54		"	50.0		107	75.1-128				
cis-1,3-Dichloropropylene	50		"	50.0		99.2	74.5-128				
Dibromochloromethane	48		"	50.0		95.7	79.8-134				
Dibromomethane	49		"	50.0		98.7	79-130				
Dichlorodifluoromethane	49		"	50.0		98.5	47.1-101				
Ethyl Benzene	49		"	50.0		98.5	80.8-128				
Hexachlorobutadiene	46		"	50.0		91.7	64.8-128				
Isopropylbenzene	46		"	50.0		91.6	75.5-135				
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	65.1-140				
Methylene chloride	49		"	50.0		97.4	61.3-120				
Naphthalene	51		"	50.0		102	62.3-148				
n-Butylbenzene	45		"	50.0		89.8	67.2-123				
n-Propylbenzene	45		"	50.0		90.2	70.5-127				
o-Xylene	48		"	50.0		96.8	75.9-122				
p- & m- Xylenes	93		"	100		92.6	77.7-127				
p-Isopropyltoluene	47		"	50.0		93.4	75.6-129				
sec-Butylbenzene	45		"	50.0		90.1	71.5-125				

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 BA30151 - EPA 5030B											
LCS (BA30151-BS1)								Prepared & Analyzed: 01/07/2013			
Styrene	52		ug/L	50.0		103	77.8-123				
tert-Butylbenzene	46		"	50.0		92.7	75.9-151				
Tetrachloroethylene	51		"	50.0		102	63.6-167				
Toluene	50		"	50.0		99.4	77-123				
trans-1,2-Dichloroethylene	51		"	50.0		101	76.3-139				
trans-1,3-Dichloropropylene	46		"	50.0		91.8	72.5-137				
Trichloroethylene	50		"	50.0		100	77.9-130				
Trichlorofluoromethane	44		"	50.0		87.6	57.4-133				
Vinyl Chloride	47		"	50.0		94.7	54.9-124				
Vinyl acetate	19		"	50.0		38.0	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*45.4*		*"*	*50.0*		*90.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*63.5-145*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*81.2-127*				
LCS Dup (BA30151-BSD1)								Prepared & Analyzed: 01/07/2013			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	82.3-130		5.47	21.1	
1,1,1-Trichloroethane	45		"	50.0		89.4	75.6-137		6.30	19.7	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131		2.07	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.8	71.1-129		9.19	21.7	
1,1,2-Trichloroethane	51		"	50.0		103	74.5-129		1.81	20.3	
1,1-Dichloroethane	49		"	50.0		97.2	79.6-132		4.52	20.6	
1,1-Dichloroethylene	43		"	50.0		85.5	80.2-146		6.39	20	
1,1-Dichloropropylene	46		"	50.0		91.7	75-136		8.84	19.3	
1,2,3-Trichlorobenzene	54		"	50.0		108	66.1-136		0.504	21.6	
1,2,3-Trichloropropane	47		"	50.0		93.7	63-131		7.07	23.9	
1,2,4-Trichlorobenzene	55		"	50.0		110	70.6-136		4.86	21.7	
1,2,4-Trimethylbenzene	46		"	50.0		92.2	75.3-135		1.86	18.8	
1,2-Dibromo-3-chloropropane	45		"	50.0		90.5	58.9-140		16.5	27.7	
1,2-Dibromoethane	49		"	50.0		98.8	79-130		0.792	23	
1,2-Dichlorobenzene	52		"	50.0		105	76.1-122		4.86	19.8	
1,2-Dichloroethane	43		"	50.0		86.0	74.6-132		7.35	20.2	
1,2-Dichloropropane	51		"	50.0		102	76.9-129		0.690	20.7	
1,3,5-Trimethylbenzene	46		"	50.0		91.5	70.6-127		1.36	18.9	
1,3-Dichlorobenzene	52		"	50.0		103	77-124		2.28	19.2	
1,3-Dichloropropane	48		"	50.0		95.8	75.8-126		2.86	22.1	
1,4-Dichlorobenzene	50		"	50.0		99.8	76.6-125		0.422	18.6	
2,2-Dichloropropane	44		"	50.0		88.1	69-133		2.67	19.8	
2-Butanone	42		"	50.0		84.5	70-130		12.6	30	
2-Chlorotoluene	48		"	50.0		95.8	66.3-119		6.09	21.6	
4-Chlorotoluene	46		"	50.0		92.3	69.2-127		1.05	19	
Acetone	29		"	50.0		58.7	70-130	Low Bias	10.2	30	
Benzene	50		"	50.0		99.3	76.2-129		10.6	19	
Bromobenzene	47		"	50.0		94.1	71.3-123		4.01	20.3	
Bromochloromethane	48		"	50.0		96.1	70.8-137		8.35	23.9	
Bromodichloromethane	46		"	50.0		92.3	79.7-134		0.391	21	
Bromoform	48		"	50.0		96.6	70.5-141		7.54	21.8	
Bromomethane	42		"	50.0		84.0	43.9-147		8.59	28.4	
Carbon tetrachloride	44		"	50.0		88.3	78.1-138		7.33	20.1	
Chlorobenzene	52		"	50.0		103	80.4-125		2.93	19.9	
Chloroethane	45		"	50.0		90.3	55.8-140		6.37	23.3	
Chloroform	47		"	50.0		93.1	76.6-133		6.46	20.3	
Chloromethane	42		"	50.0		84.8	48.8-115		7.86	24.5	
cis-1,2-Dichloroethylene	53		"	50.0		105	75.1-128		1.89	20.5	
cis-1,3-Dichloropropylene	50		"	50.0		100	74.5-128		0.923	19.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30151 - EPA 5030B											
LCS Dup (BA30151-BSD1)							Prepared & Analyzed: 01/07/2013				
Dibromochloromethane	49		ug/L	50.0		97.0	79.8-134		1.39	21.3	
Dibromomethane	49		"	50.0		97.6	79-130		1.14	22.4	
Dichlorodifluoromethane	31		"	50.0		62.9	47.1-101		44.1	23.9	Non-dir.
Ethyl Benzene	51		"	50.0		102	80.8-128		3.35	19.2	
Hexachlorobutadiene	51		"	50.0		103	64.8-128		11.4	20.6	
Isopropylbenzene	48		"	50.0		95.2	75.5-135		3.81	20	
Methyl tert-butyl ether (MTBE)	46		"	50.0		92.2	65.1-140		11.6	23.6	
Methylene chloride	45		"	50.0		89.5	61.3-120		8.43	20.4	
Naphthalene	54		"	50.0		109	62.3-148		6.14	27.1	
n-Butylbenzene	47		"	50.0		93.9	67.2-123		4.42	19.1	
n-Propylbenzene	49		"	50.0		97.1	70.5-127		7.39	23.4	
o-Xylene	49		"	50.0		98.3	75.9-122		1.48	19.3	
p- & m- Xylenes	98		"	100		98.2	77.7-127		5.85	18.6	
p-Isopropyltoluene	47		"	50.0		95.0	75.6-129		1.70	19.1	
sec-Butylbenzene	48		"	50.0		97.0	71.5-125		7.38	18.9	
Styrene	50		"	50.0		101	77.8-123		2.18	20.9	
tert-Butylbenzene	48		"	50.0		96.2	75.9-151		3.70	20.9	
Tetrachloroethylene	52		"	50.0		104	63.6-167		1.95	27.7	
Toluene	49		"	50.0		97.1	77-123		2.40	18.7	
trans-1,2-Dichloroethylene	47		"	50.0		94.4	76.3-139		7.11	19.5	
trans-1,3-Dichloropropylene	47		"	50.0		94.2	72.5-137		2.54	19.3	
Trichloroethylene	48		"	50.0		96.3	77.9-130		4.23	20.5	
Trichlorofluoromethane	41		"	50.0		81.3	57.4-133		7.39	21.4	
Vinyl Chloride	44		"	50.0		88.3	54.9-124		7.08	22.3	
Vinyl acetate	17		"	50.0		33.9	70-130	Low Bias	11.2	30	
Surrogate: 1,2-Dichloroethane-d4	*41.4*		*"*	*50.0*		*82.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.0*	*63.5-145*				
Surrogate: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30152 - EPA 5035B											
Blank (BA30152-BLK1)								Prepared & Analyzed: 01/07/2013			
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	"								

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ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30152 - EPA 5035B											
Blank (BA30152-BLK1)								Prepared & Analyzed: 01/07/2013			
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	*51.0*		*ug/L*	*50.0*		*102*	*73-130*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*72-127*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*93.9*	*84-117*				
LCS (BA30152-BS1)								Prepared & Analyzed: 01/07/2013			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		99.0	72-132				
1,1,1-Trichloroethane	44		"	50.0		87.5	77-131				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.5	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	38		"	50.0		76.1	75-143				
1,1,2-Trichloroethane	45		"	50.0		89.4	72-128				
1,1-Dichloroethane	50		"	50.0		99.5	78-133				
1,1-Dichloroethylene	36		"	50.0		73.0	71-142				
1,1-Dichloropropylene	40		"	50.0		79.3	77-124				
1,2,3-Trichlorobenzene	47		"	50.0		94.1	65-134				
1,2,3-Trichloropropane	43		"	50.0		86.6	65-127				
1,2,4-Trichlorobenzene	46		"	50.0		91.2	59-133				
1,2,4-Trimethylbenzene	43		"	50.0		85.2	68-128				
1,2-Dibromo-3-chloropropane	45		"	50.0		90.6	58-145				
1,2-Dibromoethane	47		"	50.0		93.5	73-128				
1,2-Dichlorobenzene	47		"	50.0		93.6	69-126				
1,2-Dichloroethane	50		"	50.0		101	78-131				
1,2-Dichloropropane	46		"	50.0		91.9	72-129				
1,3,5-Trimethylbenzene	42		"	50.0		84.7	67-125				
1,3-Dichlorobenzene	47		"	50.0		93.6	67-125				
1,3-Dichloropropane	45		"	50.0		90.4	73-126				
1,4-Dichlorobenzene	46		"	50.0		92.9	67-127				
1,4-Dioxane	56		"	50.0		111	10-265				
2,2-Dichloropropane	43		"	50.0		86.6	68-133				
2-Butanone	45		"	50.0		90.7	49-138				
2-Chlorotoluene	40		"	50.0		80.6	61-121				
4-Chlorotoluene	43		"	50.0		86.0	65-126				
Acetone	41		"	50.0		81.1	21-131				
Benzene	49		"	50.0		97.3	81-125				
Bromobenzene	43		"	50.0		85.8	65-125				
Bromochloromethane	49		"	50.0		97.0	78-127				
Bromodichloromethane	46		"	50.0		92.3	73-131				
Bromoform	48		"	50.0		95.2	66-137				
Bromomethane	49		"	50.0		98.3	55-144				
Carbon tetrachloride	42		"	50.0		83.5	74-137				
Chlorobenzene	47		"	50.0		94.0	75-127				
Chloroethane	32		"	50.0		63.0	65-138	Low Bias			
Chloroform	50		"	50.0		99.3	82-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30152 - EPA 5035B											
LCS (BA30152-BS1)							Prepared & Analyzed: 01/07/2013				
Chloromethane	34		ug/L	50.0		67.3	51-138				
cis-1,2-Dichloroethylene	50		"	50.0		99.7	77-130				
cis-1,3-Dichloropropylene	48		"	50.0		95.5	68-123				
Dibromochloromethane	49		"	50.0		97.4	73-136				
Dibromomethane	45		"	50.0		90.6	75-131				
Dichlorodifluoromethane	28		"	50.0		56.4	10-183				
Ethyl Benzene	44		"	50.0		88.2	75-130				
Hexachlorobutadiene	38		"	50.0		76.5	59-130				
Isopropylbenzene	40		"	50.0		80.5	68-135				
Methyl tert-butyl ether (MTBE)	54		"	50.0		109	76-136				
Methylene chloride	59		"	50.0		117	55-143				
Naphthalene	46		"	50.0		91.6	65-140				
n-Butylbenzene	36		"	50.0		71.6	63-123				
n-Propylbenzene	39		"	50.0		78.3	65-127				
o-Xylene	45		"	50.0		89.2	71-123				
p- & m- Xylenes	87		"	100		87.0	72-127				
p-Isopropyltoluene	41		"	50.0		81.4	69-128				
sec-Butylbenzene	39		"	50.0		77.7	69-125				
Styrene	48		"	50.0		96.8	74-127				
tert-Butylbenzene	42		"	50.0		84.9	59-164				
Tetrachloroethylene	42		"	50.0		84.2	65-151				
Toluene	43		"	50.0		86.3	72-127				
trans-1,2-Dichloroethylene	47		"	50.0		94.8	73-137				
trans-1,3-Dichloropropylene	46		"	50.0		92.9	67-131				
Trichloroethylene	42		"	50.0		83.8	73-129				
Trichlorofluoromethane	35		"	50.0		70.3	69-136				
Vinyl Chloride	34		"	50.0		68.8	58-132				
Vinyl acetate	84		"	50.0		168	10-84	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.8*	*73-130*				
Surrogate: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*72-127*				
Surrogate: Toluene-d8	*46.0*		*"*	*50.0*		*92.1*	*84-117*				

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

York Analytical Laboratories, Inc.

Batch BA30152 - EPA 5035B

LCS Dup (BA30152-BSD1) Prepared & Analyzed: 01/07/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		109	72-132		9.88	30	
1,1,1-Trichloroethane	59		"	50.0		119	77-131		30.2	30	Non-dir.
1,1,2,2-Tetrachloroethane	45		"	50.0		90.6	68-129		3.48	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58		"	50.0		115	75-143		41.0	30	Non-dir.
1,1,2-Trichloroethane	47		"	50.0		94.5	72-128		5.50	30	
1,1-Dichloroethane	58		"	50.0		115	78-133		14.5	30	
1,1-Dichloroethylene	52		"	50.0		103	71-142		34.2	30	Non-dir.
1,1-Dichloropropylene	54		"	50.0		108	77-124		31.0	30	Non-dir.
1,2,3-Trichlorobenzene	50		"	50.0		101	65-134		6.97	30	
1,2,3-Trichloropropane	50		"	50.0		99.0	65-127		13.4	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	59-133		12.7	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.2	68-128		15.2	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		103	58-145		13.1	30	
1,2-Dibromoethane	49		"	50.0		97.6	73-128		4.35	30	
1,2-Dichlorobenzene	52		"	50.0		103	69-126		9.66	30	
1,2-Dichloroethane	54		"	50.0		108	78-131		6.46	30	
1,2-Dichloropropane	49		"	50.0		98.7	72-129		7.18	30	
1,3,5-Trimethylbenzene	50		"	50.0		100	67-125		16.6	30	
1,3-Dichlorobenzene	53		"	50.0		106	67-125		12.0	30	
1,3-Dichloropropane	47		"	50.0		94.2	73-126		4.12	30	
1,4-Dichlorobenzene	53		"	50.0		105	67-127		12.3	30	
1,4-Dioxane	32		"	50.0		64.6	10-265		53.0	30	Non-dir.
2,2-Dichloropropane	54		"	50.0		108	68-133		21.9	30	
2-Butanone	48		"	50.0		96.2	49-138		5.80	30	
2-Chlorotoluene	48		"	50.0		95.1	61-121		16.5	30	
4-Chlorotoluene	49		"	50.0		98.9	65-126		13.9	30	
Acetone	42		"	50.0		83.5	21-131		2.92	30	
Benzene	57		"	50.0		115	81-125		16.4	30	
Bromobenzene	47		"	50.0		93.6	65-125		8.69	30	
Bromochloromethane	50		"	50.0		99.1	78-127		2.08	30	
Bromodichloromethane	50		"	50.0		99.1	73-131		7.17	30	
Bromoform	51		"	50.0		101	66-137		6.27	30	
Bromomethane	55		"	50.0		110	55-144		11.6	30	
Carbon tetrachloride	58		"	50.0		116	74-137		33.0	30	Non-dir.
Chlorobenzene	53		"	50.0		106	75-127		12.1	30	
Chloroethane	40		"	50.0		79.4	65-138		23.0	30	
Chloroform	56		"	50.0		113	82-128		12.5	30	
Chloromethane	43		"	50.0		85.4	51-138		23.7	30	
cis-1,2-Dichloroethylene	58		"	50.0		116	77-130		14.8	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	68-123		7.03	30	
Dibromochloromethane	52		"	50.0		104	73-136		6.77	30	
Dibromomethane	46		"	50.0		92.9	75-131		2.55	30	
Dichlorodifluoromethane	41		"	50.0		83.0	10-183		38.1	30	Non-dir.
Ethyl Benzene	52		"	50.0		105	75-130		17.4	30	
Hexachlorobutadiene	54		"	50.0		108	59-130		33.9	30	Non-dir.
Isopropylbenzene	50		"	50.0		99.9	68-135		21.5	30	
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.6	76-136		18.2	30	
Methylene chloride	48		"	50.0		95.9	55-143		19.9	30	
Naphthalene	49		"	50.0		97.0	65-140		5.75	30	
n-Butylbenzene	46		"	50.0		91.6	63-123		24.4	30	
n-Propylbenzene	48		"	50.0		96.2	65-127		20.5	30	
o-Xylene	51		"	50.0		102	71-123		13.3	30	
p- & m- Xylenes	100		"	100		104	72-127		17.8	30	
p-Isopropyltoluene	52		"	50.0		103	69-128		23.6	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 BA30152 - EPA 5035B											
LCS Dup (BA30152-BSD1)								Prepared & Analyzed: 01/07/2013			
sec-Butylbenzene	51		ug/L	50.0		101	69-125		26.5	30	
Styrene	55		"	50.0		109	74-127		12.1	30	
tert-Butylbenzene	52		"	50.0		104	59-164		19.9	30	
Tetrachloroethylene	55		"	50.0		111	65-151		27.0	30	
Toluene	51		"	50.0		101	72-127		15.7	30	
trans-1,2-Dichloroethylene	54		"	50.0		107	73-137		12.4	30	
trans-1,3-Dichloropropylene	48		"	50.0		96.5	67-131		3.74	30	
Trichloroethylene	51		"	50.0		102	73-129		19.6	30	
Trichlorofluoromethane	52		"	50.0		104	69-136		38.5	30	Non-dir.
Vinyl Chloride	46		"	50.0		92.4	58-132		29.2	30	
Vinyl acetate	84		"	50.0		169	10-84	High Bias	0.344	30	
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.5*	*73-130*				
Surrogate: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*72-127*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*94.0*	*84-117*				

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30129 - EPA 3550B											
Blank (BA30129-BLK1)											Prepared: 01/04/2013 Analyzed: 01/07/2013
Acenaphthene	ND	250	ug/kg wet								
Acenaphthylene	ND	250	"								
Aniline	ND	250	"								
Anthracene	ND	250	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzyl alcohol	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Benzyl butyl phthalate	ND	250	"								
4-Bromophenyl phenyl ether	ND	250	"								
4-Chloro-3-methylphenol	ND	250	"								
4-Chloroaniline	ND	250	"								
Bis(2-chloroethoxy)methane	ND	250	"								
Bis(2-chloroethyl)ether	ND	250	"								
Bis(2-chloroisopropyl)ether	ND	250	"								
Bis(2-ethylhexyl)phthalate	ND	250	"								
2-Chloronaphthalene	ND	250	"								
2-Chlorophenol	ND	250	"								
4-Chlorophenyl phenyl ether	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Dibenzofuran	ND	250	"								
Di-n-butyl phthalate	ND	250	"								
1,2-Dichlorobenzene	ND	250	"								
1,4-Dichlorobenzene	ND	250	"								
1,3-Dichlorobenzene	ND	250	"								
3,3'-Dichlorobenzidine	ND	250	"								
2,4-Dichlorophenol	ND	250	"								
Diethyl phthalate	ND	250	"								
2,4-Dimethylphenol	ND	250	"								
Dimethyl phthalate	ND	250	"								
4,6-Dinitro-2-methylphenol	ND	500	"								
2-Nitroaniline	ND	250	"								
2,4-Dinitrophenol	ND	500	"								
2,6-Dinitrotoluene	ND	250	"								
2,4-Dinitrotoluene	ND	250	"								
Di-n-octyl phthalate	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Hexachlorobenzene	ND	250	"								
Hexachlorobutadiene	ND	250	"								
Hexachlorocyclopentadiene	ND	250	"								
Hexachloroethane	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Isophorone	ND	250	"								
2-Methylnaphthalene	ND	250	"								
2-Methylphenol	ND	250	"								
3- & 4-Methylphenols	ND	250	"								
Naphthalene	ND	250	"								
3-Nitroaniline	ND	250	"								
4-Nitroaniline	ND	250	"								
Nitrobenzene	ND	250	"								

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 BA30129 - EPA 3550B											
Blank (BA30129-BLK1)								Prepared: 01/04/2013 Analyzed: 01/07/2013			
4-Nitrophenol	ND	250	ug/kg wet								
2-Nitrophenol	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Pentachlorophenol	ND	250	"								
Phenanthrene	ND	250	"								
Phenol	ND	250	"								
Pyrene	ND	250	"								
Pyridine	ND	250	"								
1,2,4-Trichlorobenzene	ND	250	"								
2,4,5-Trichlorophenol	ND	250	"								
2,4,6-Trichlorophenol	ND	250	"								
Surrogate: 2,4,6-Tribromophenol	*2300*		*"*	*3750*		*61.2*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*2020*		*"*	*2500*		*80.9*	*30-130*				
Surrogate: 2-Fluorophenol	*1680*		*"*	*3760*		*44.7*	*15-110*				
Surrogate: Nitrobenzene-d5	*1470*		*"*	*2500*		*58.9*	*30-130*				
Surrogate: Phenol-d5	*2390*		*"*	*3750*		*63.7*	*15-110*				
Surrogate: Terphenyl-d14	*1240*		*"*	*2500*		*49.5*	*30-130*				
LCS (BA30129-BS1)								Prepared: 01/04/2013 Analyzed: 01/07/2013			
Acenaphthene	2060	250	ug/kg wet	2500		82.5	31.1-109				
Acenaphthylene	1860	250	"	2500		74.5	31.1-106				
Aniline	1090	250	"	2500		43.7	5.07-149				
Anthracene	1660	250	"	2500		66.6	31.5-107				
Benzo(a)anthracene	1410	250	"	2500		56.4	31.5-115				
Benzo(a)pyrene	1460	250	"	2500		58.5	29.1-138				
Benzo(b)fluoranthene	1410	250	"	2500		56.5	14.9-131				
Benzo(g,h,i)perylene	910	250	"	2500		36.4	6.56-121				
Benzyl alcohol	1540	250	"	2500		61.4	25.4-119				
Benzo(k)fluoranthene	1390	250	"	2500		55.5	29.1-121				
Benzyl butyl phthalate	1240	250	"	2500		49.8	31.3-112				
4-Bromophenyl phenyl ether	1610	250	"	2500		64.5	25.2-113				
4-Chloro-3-methylphenol	2030	250	"	2500		81.3	29.5-124				
4-Chloroaniline	1220	250	"	2500		48.7	10-177				
Bis(2-chloroethoxy)methane	2160	250	"	2500		86.2	27.9-111				
Bis(2-chloroethyl)ether	1750	250	"	2500		70.0	18-122				
Bis(2-chloroisopropyl)ether	2150	250	"	2500		86.1	9.62-123				
Bis(2-ethylhexyl)phthalate	1410	250	"	2500		56.4	25-105				
2-Chloronaphthalene	1980	250	"	2500		79.3	31.7-108				
2-Chlorophenol	1700	250	"	2500		67.9	20.3-125				
4-Chlorophenyl phenyl ether	1920	250	"	2500		76.9	23.6-110				
Chrysene	1500	250	"	2500		60.0	27.4-117				
Dibenzo(a,h)anthracene	1050	250	"	2500		42.1	14.6-119				
Dibenzofuran	2060	250	"	2500		82.5	30.2-108				
Di-n-butyl phthalate	1240	250	"	2500		49.6	33.5-100				
1,2-Dichlorobenzene	1880	250	"	2500		75.4	22.8-114				
1,4-Dichlorobenzene	1890	250	"	2500		75.4	19.8-121				
1,3-Dichlorobenzene	1850	250	"	2500		74.2	20.6-119				
3,3'-Dichlorobenzidine	1360	250	"	2500		54.2	10-180				
2,4-Dichlorophenol	2500	250	"	2500		100	23.3-125				
Diethyl phthalate	1180	250	"	2500		47.4	29.7-111				
2,4-Dimethylphenol	1780	250	"	2500		71.2	29.8-115				
Dimethyl phthalate	1320	250	"	2500		52.9	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 BA30129 - EPA 3550B											
LCS (BA30129-BS1)								Prepared: 01/04/2013 Analyzed: 01/07/2013			
2-Nitroaniline	1140	250	ug/kg wet	2500		45.6	40-140				
4,6-Dinitro-2-methylphenol	976	500	"	2500		39.1	10-122				
2,4-Dinitrophenol	385	500	"	2500		15.4	10-151				
2,6-Dinitrotoluene	1680	250	"	2500		67.4	26.1-119				
2,4-Dinitrotoluene	1430	250	"	2500		57.0	21.4-126				
Di-n-octyl phthalate	1370	250	"	2500		54.9	19-129				
Fluoranthene	1480	250	"	2500		59.0	31.3-110				
Fluorene	2060	250	"	2500		82.4	29.9-108				
Hexachlorobenzene	1580	250	"	2500		63.4	31.7-102				
Hexachlorobutadiene	2520	250	"	2500		101	10.1-134				
Hexachlorocyclopentadiene	368	250	"	2500		14.7	10-122				
Hexachloroethane	1620	250	"	2500		64.8	20.2-114				
Indeno(1,2,3-cd)pyrene	1050	250	"	2500		42.1	12.6-120				
Isophorone	1470	250	"	2500		58.8	27.2-113				
2-Methylnaphthalene	2570	250	"	2500		103	17.4-119				
2-Methylphenol	1750	250	"	2500		70.1	23.6-125				
3- & 4-Methylphenols	1630	250	"	2500		65.1	21.3-115				
Naphthalene	2200	250	"	2500		87.9	25.2-111				
3-Nitroaniline	1070	250	"	2500		42.8	9.73-147				
4-Nitroaniline	1070	250	"	2500		42.8	6.42-169				
Nitrobenzene	1850	250	"	2500		74.1	21.8-118				
4-Nitrophenol	ND	250	"	2500			10-136	Low Bias			
2-Nitrophenol	1480	250	"	2500		59.1	20.6-119				
N-nitroso-di-n-propylamine	1380	250	"	2500		55.1	25.3-118				
N-Nitrosodimethylamine	1310	250	"	2500		52.4	10-142				
N-Nitrosodiphenylamine	1800	250	"	2500		72.1	35.8-132				
Pentachlorophenol	1230	250	"	2500		49.4	3.68-146				
Phenanthrene	1730	250	"	2500		69.2	31.2-105				
Phenol	1860	250	"	2500		74.4	23.2-117				
Pyrene	1490	250	"	2500		59.6	26.3-124				
Pyridine	594	250	"	2500		23.7	10-122				
1,2,4-Trichlorobenzene	2810	250	"	2500		112	19.3-128				
2,4,5-Trichlorophenol	1610	250	"	2500		64.5	19.5-131				
2,4,6-Trichlorophenol	1840	250	"	2500		73.5	24.2-123				
Surrogate: 2,4,6-Tribromophenol	*1870*		*"*	*3750*		*49.9*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*2200*		*"*	*2500*		*88.0*	*30-130*				
Surrogate: 2-Fluorophenol	*2560*		*"*	*3760*		*68.0*	*15-110*				
Surrogate: Nitrobenzene-d5	*1930*		*"*	*2500*		*76.9*	*30-130*				
Surrogate: Phenol-d5	*2720*		*"*	*3750*		*72.6*	*15-110*				
Surrogate: Terphenyl-d14	*859*		*"*	*2500*		*34.4*	*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 BA30148 - EPA 3510C											
Blank (BA30148-BLK1)								Prepared & Analyzed: 01/07/2013			
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	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-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 BA30148 - EPA 3510C											
Blank (BA30148-BLK1)								Prepared & Analyzed: 01/07/2013			
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	*51.0*		*"*	*75.0*		*68.0*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*29.5*		*"*	*50.0*		*59.0*	*30-130*				
Surrogate: 2-Fluorophenol	*52.5*		*"*	*75.2*		*69.8*	*15-110*				
Surrogate: Nitrobenzene-d5	*34.8*		*"*	*50.1*		*69.4*	*30-130*				
Surrogate: Phenol-d5	*51.8*		*"*	*75.0*		*69.1*	*10-110*				
Surrogate: Terphenyl-d14	*31.7*		*"*	*50.0*		*63.5*	*30-130*				
LCS (BA30148-BS1)								Prepared & Analyzed: 01/07/2013			
Acenaphthene	34.6	5.00	ug/L	50.0		69.3	30-140				
Acenaphthylene	32.7	5.00	"	50.0		65.4	30-140				
Aniline	24.9	5.00	"	50.0		49.8	30-140				
Anthracene	33.7	5.00	"	50.0		67.4	30-140				
Benzo(a)anthracene	37.4	5.00	"	50.0		74.8	30-140				
Benzo(a)pyrene	40.4	5.00	"	50.0		80.8	30-140				
Benzo(b)fluoranthene	42.2	5.00	"	50.0		84.5	30-140				
Benzyl alcohol	38.0	5.00	"	50.0		76.1	30-130				
Benzo(g,h,i)perylene	23.7	5.00	"	50.0		47.5	30-140				
Benzo(k)fluoranthene	36.2	5.00	"	50.0		72.4	30-140				
Benzyl butyl phthalate	35.9	5.00	"	50.0		71.8	30-140				
4-Bromophenyl phenyl ether	32.5	5.00	"	50.0		65.0	30-140				
4-Chloro-3-methylphenol	39.5	5.00	"	50.0		78.9	30-130				
4-Chloroaniline	27.4	5.00	"	50.0		54.8	30-140				
Bis(2-chloroethoxy)methane	34.0	5.00	"	50.0		68.0	30-140				
Bis(2-chloroethyl)ether	35.0	5.00	"	50.0		70.0	30-140				
Bis(2-chloroisopropyl)ether	32.3	5.00	"	50.0		64.5	30-140				
Bis(2-ethylhexyl)phthalate	37.9	5.00	"	50.0		75.9	30-140				
2-Chloronaphthalene	35.0	5.00	"	50.0		70.0	30-140				
2-Chlorophenol	38.3	5.00	"	50.0		76.6	30-130				
4-Chlorophenyl phenyl ether	34.2	5.00	"	50.0		68.5	30-140				
Chrysene	36.3	5.00	"	50.0		72.5	30-140				
Dibenzo(a,h)anthracene	25.7	5.00	"	50.0		51.4	30-140				
Dibenzofuran	34.5	5.00	"	50.0		69.0	30-140				
Di-n-butyl phthalate	34.2	5.00	"	50.0		68.5	30-140				
1,2-Dichlorobenzene	37.4	5.00	"	50.0		74.8	30-140				
1,3-Dichlorobenzene	37.3	5.00	"	50.0		74.6	30-140				
1,4-Dichlorobenzene	38.3	5.00	"	50.0		76.7	30-140				
3,3'-Dichlorobenzidine	31.6	5.00	"	50.0		63.1	30-140				
2,4-Dichlorophenol	41.9	5.00	"	50.0		83.8	30-130				
Diethyl phthalate	35.3	5.00	"	50.0		70.6	30-140				
2,4-Dimethylphenol	40.4	5.00	"	50.0		80.7	30-130				
Dimethyl phthalate	35.2	5.00	"	50.0		70.5	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 BA30148 - EPA 3510C											
LCS (BA30148-BS1)							Prepared & Analyzed: 01/07/2013				
4,6-Dinitro-2-methylphenol	41.1	10.0	ug/L	50.0		82.3	30-130				
2,4-Dinitrophenol	51.1	10.0	"	50.0		102	30-130				
2,6-Dinitrotoluene	35.8	5.00	"	50.0		71.6	30-140				
2,4-Dinitrotoluene	37.5	5.00	"	50.0		75.1	30-140				
Di-n-octyl phthalate	39.7	5.00	"	50.0		79.4	30-140				
Fluoranthene	36.0	5.00	"	50.0		72.0	30-140				
Fluorene	34.3	5.00	"	50.0		68.7	30-140				
Hexachlorobenzene	33.2	5.00	"	50.0		66.4	30-140				
Hexachlorobutadiene	39.3	5.00	"	50.0		78.6	30-140				
Hexachlorocyclopentadiene	32.9	5.00	"	50.0		65.8	30-140				
Hexachloroethane	37.6	5.00	"	50.0		75.2	30-140				
Indeno(1,2,3-cd)pyrene	26.7	5.00	"	50.0		53.5	30-140				
Isophorone	38.0	5.00	"	50.0		76.1	30-140				
2-Methylnaphthalene	38.5	5.00	"	50.0		76.9	30-140				
3- & 4-Methylphenols	35.9	5.00	"	50.0		71.8	30-130				
2-Methylphenol	36.3	5.00	"	50.0		72.6	30-130				
Naphthalene	36.9	5.00	"	50.0		73.8	30-140				
4-Nitroaniline	42.6	5.00	"	50.0		85.1	30-140				
3-Nitroaniline	33.3	5.00	"	50.0		66.6	30-140				
2-Nitroaniline	36.8	5.00	"	50.0		73.5	30-140				
Nitrobenzene	35.6	5.00	"	50.0		71.1	30-140				
2-Nitrophenol	38.0	5.00	"	50.0		76.1	30-130				
4-Nitrophenol	48.0	5.00	"	50.0		96.1	30-130				
N-nitroso-di-n-propylamine	36.4	5.00	"	50.0		72.7	30-140				
N-Nitrosodimethylamine	34.7	5.00	"	50.0		69.3	30-140				
N-Nitrosodiphenylamine	38.2	5.00	"	50.0		76.4	30-140				
Pentachlorophenol	50.2	5.00	"	50.0		100	30-130				
Phenanthrene	35.5	5.00	"	50.0		70.9	30-140				
Phenol	34.7	5.00	"	50.0		69.5	30-130				
Pyrene	36.8	5.00	"	50.0		73.6	30-140				
Pyridine	44.4	5.00	"	50.0		88.7	30-140				
1,2,4-Trichlorobenzene	38.3	5.00	"	50.0		76.6	30-140				
2,4,6-Trichlorophenol	39.4	5.00	"	50.0		78.9	30-130				
2,4,5-Trichlorophenol	35.0	5.00	"	50.0		70.0	30-130				
Surrogate: 2,4,6-Tribromophenol	*55.1*		*"*	*75.0*		*73.5*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*33.2*		*"*	*50.0*		*66.3*	*30-130*				
Surrogate: 2-Fluorophenol	*57.4*		*"*	*75.2*		*76.3*	*15-110*				
Surrogate: Nitrobenzene-d5	*36.9*		*"*	*50.1*		*73.6*	*30-130*				
Surrogate: Phenol-d5	*54.8*		*"*	*75.0*		*73.0*	*10-110*				
Surrogate: Terphenyl-d14	*36.5*		*"*	*50.0*		*73.0*	*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 BA30148 - EPA 3510C											
LCS Dup (BA30148-BSD1)								Prepared & Analyzed: 01/07/2013			
Acenaphthene	36.7	5.00	ug/L	50.0		73.4	30-140		5.69	20	
Acenaphthylene	34.7	5.00	"	50.0		69.4	30-140		6.02	20	
Aniline	21.2	5.00	"	50.0		42.4	30-140		16.2	20	
Anthracene	35.4	5.00	"	50.0		70.8	30-140		4.86	20	
Benzo(a)anthracene	39.2	5.00	"	50.0		78.4	30-140		4.67	20	
Benzo(a)pyrene	42.6	5.00	"	50.0		85.3	30-140		5.32	20	
Benzo(b)fluoranthene	45.6	5.00	"	50.0		91.2	30-140		7.63	20	
Benzyl alcohol	41.5	5.00	"	50.0		83.1	30-130		8.80	20	
Benzo(g,h,i)perylene	21.1	5.00	"	50.0		42.1	30-140		11.9	20	
Benzo(k)fluoranthene	37.4	5.00	"	50.0		74.8	30-140		3.26	20	
Benzyl butyl phthalate	36.4	5.00	"	50.0		72.9	30-140		1.41	20	
4-Bromophenyl phenyl ether	34.9	5.00	"	50.0		69.9	30-140		7.21	20	
4-Chloro-3-methylphenol	40.1	5.00	"	50.0		80.1	30-130		1.48	20	
4-Chloroaniline	27.6	5.00	"	50.0		55.2	30-140		0.836	20	
Bis(2-chloroethoxy)methane	36.9	5.00	"	50.0		73.8	30-140		8.21	20	
Bis(2-chloroethyl)ether	38.4	5.00	"	50.0		76.8	30-140		9.26	20	
Bis(2-chloroisopropyl)ether	33.7	5.00	"	50.0		67.4	30-140		4.39	20	
Bis(2-ethylhexyl)phthalate	37.7	5.00	"	50.0		75.3	30-140		0.741	20	
2-Chloronaphthalene	36.6	5.00	"	50.0		73.1	30-140		4.28	20	
2-Chlorophenol	41.4	5.00	"	50.0		82.8	30-130		7.76	20	
4-Chlorophenyl phenyl ether	36.8	5.00	"	50.0		73.6	30-140		7.29	20	
Chrysene	37.7	5.00	"	50.0		75.4	30-140		3.87	20	
Dibenzo(a,h)anthracene	26.9	5.00	"	50.0		53.7	30-140		4.45	20	
Dibenzofuran	36.4	5.00	"	50.0		72.7	30-140		5.22	20	
Di-n-butyl phthalate	35.3	5.00	"	50.0		70.5	30-140		2.96	20	
1,2-Dichlorobenzene	39.7	5.00	"	50.0		79.5	30-140		6.04	20	
1,3-Dichlorobenzene	40.7	5.00	"	50.0		81.5	30-140		8.76	20	
1,4-Dichlorobenzene	40.4	5.00	"	50.0		80.7	30-140		5.11	20	
3,3'-Dichlorobenzidine	33.4	5.00	"	50.0		66.7	30-140		5.58	20	
2,4-Dichlorophenol	43.3	5.00	"	50.0		86.6	30-130		3.31	20	
Diethyl phthalate	37.0	5.00	"	50.0		74.0	30-140		4.67	20	
2,4-Dimethylphenol	41.5	5.00	"	50.0		83.0	30-130		2.83	20	
Dimethyl phthalate	37.4	5.00	"	50.0		74.8	30-140		5.97	20	
4,6-Dinitro-2-methylphenol	44.4	10.0	"	50.0		88.7	30-130		7.51	20	
2,4-Dinitrophenol	56.7	10.0	"	50.0		113	30-130		10.5	20	
2,6-Dinitrotoluene	37.7	5.00	"	50.0		75.3	30-140		5.09	20	
2,4-Dinitrotoluene	39.2	5.00	"	50.0		78.3	30-140		4.22	20	
Di-n-octyl phthalate	40.0	5.00	"	50.0		80.0	30-140		0.678	20	
Fluoranthene	37.4	5.00	"	50.0		74.8	30-140		3.87	20	
Fluorene	37.0	5.00	"	50.0		74.0	30-140		7.43	20	
Hexachlorobenzene	36.0	5.00	"	50.0		72.0	30-140		8.04	20	
Hexachlorobutadiene	39.9	5.00	"	50.0		79.8	30-140		1.54	20	
Hexachlorocyclopentadiene	37.2	5.00	"	50.0		74.4	30-140		12.3	20	
Hexachloroethane	40.2	5.00	"	50.0		80.3	30-140		6.66	20	
Indeno(1,2,3-cd)pyrene	27.4	5.00	"	50.0		54.8	30-140		2.51	20	
Isophorone	39.8	5.00	"	50.0		79.7	30-140		4.65	20	
2-Methylnaphthalene	39.2	5.00	"	50.0		78.4	30-140		1.83	20	
3- & 4-Methylphenols	38.3	5.00	"	50.0		76.5	30-130		6.42	20	
2-Methylphenol	39.0	5.00	"	50.0		78.0	30-130		7.14	20	
Naphthalene	38.2	5.00	"	50.0		76.5	30-140		3.62	20	
4-Nitroaniline	45.2	5.00	"	50.0		90.3	30-140		5.91	20	
3-Nitroaniline	34.8	5.00	"	50.0		69.6	30-140		4.32	20	
2-Nitroaniline	39.7	5.00	"	50.0		79.4	30-140		7.69	20	
Nitrobenzene	37.3	5.00	"	50.0		74.5	30-140		4.72	20	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30148 - EPA 3510C											
LCS Dup (BA30148-BSD1)								Prepared & Analyzed: 01/07/2013			
2-Nitrophenol	40.4	5.00	ug/L	50.0		80.8	30-130		6.09	20	
4-Nitrophenol	53.1	5.00	"	50.0		106	30-130		9.95	20	
N-nitroso-di-n-propylamine	38.5	5.00	"	50.0		77.1	30-140		5.80	20	
N-Nitrosodimethylamine	34.0	5.00	"	50.0		68.1	30-140		1.86	20	
N-Nitrosodiphenylamine	41.1	5.00	"	50.0		82.2	30-140		7.34	20	
Pentachlorophenol	53.1	5.00	"	50.0		106	30-130		5.71	20	
Phenanthrene	36.5	5.00	"	50.0		72.9	30-140		2.78	20	
Phenol	37.1	5.00	"	50.0		74.2	30-130		6.57	20	
Pyrene	36.9	5.00	"	50.0		73.9	30-140		0.380	20	
Pyridine	40.6	5.00	"	50.0		81.1	30-140		8.95	20	
1,2,4-Trichlorobenzene	39.0	5.00	"	50.0		78.1	30-140		1.89	20	
2,4,6-Trichlorophenol	41.6	5.00	"	50.0		83.2	30-130		5.35	20	
2,4,5-Trichlorophenol	36.6	5.00	"	50.0		73.3	30-130		4.58	20	
Surrogate: 2,4,6-Tribromophenol	*57.1*		*"*	*75.0*		*76.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*34.9*		*"*	*50.0*		*69.8*	*30-130*				
Surrogate: 2-Fluorophenol	*50.9*		*"*	*75.2*		*67.7*	*15-110*				
Surrogate: Nitrobenzene-d5	*38.5*		*"*	*50.1*		*76.9*	*30-130*				
Surrogate: Phenol-d5	*57.9*		*"*	*75.0*		*77.3*	*10-110*				
Surrogate: Terphenyl-d14	*37.0*		*"*	*50.0*		*74.0*	*30-130*				

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Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30130 - EPA 3550B											
Blank (BA30130-BLK1)								Prepared: 01/04/2013 Analyzed: 01/08/2013			
Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
Surrogate: Tetrachloro-m-xylene	*34.5*		*"*	*66.7*		*51.8*	*30-150*				
Surrogate: Decachlorobiphenyl	*47.8*		*"*	*67.0*		*71.3*	*30-150*				

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Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30130 - EPA 3550B											
LCS (BA30130-BS1)								Prepared: 01/04/2013 Analyzed: 01/08/2013			
Methoxychlor	25.1	1.65	ug/kg wet	33.3		75.2	40-140				
Heptachlor epoxide	21.4	0.330	"	33.3		64.2	40-140				
Heptachlor	20.9	0.330	"	33.3		62.6	40-140				
gamma-BHC (Lindane)	20.8	0.330	"	33.3		62.4	40-140				
Endrin ketone	27.1	0.330	"	33.3		81.3	40-140				
Endrin aldehyde	25.6	0.330	"	33.3		76.9	40-140				
Endrin	25.0	0.330	"	33.3		75.1	40-140				
Endosulfan sulfate	27.7	0.330	"	33.3		83.1	40-140				
Endosulfan II	27.0	0.330	"	33.3		81.0	40-140				
Endosulfan I	26.0	0.330	"	33.3		78.0	40-140				
Dieldrin	24.1	0.330	"	33.3		72.4	40-140				
delta-BHC	23.3	0.330	"	33.3		69.9	40-140				
beta-BHC	22.0	0.330	"	33.3		65.9	40-140				
alpha-BHC	20.1	0.330	"	33.3		60.4	40-140				
Aldrin	22.2	0.330	"	33.3		66.5	40-140				
4,4'-DDT	32.1	0.330	"	33.3		96.4	40-140				
4,4'-DDE	23.5	0.330	"	33.3		70.4	40-140				
4,4'-DDD	24.2	0.330	"	33.3		72.6	40-140				
Surrogate: Tetrachloro-m-xylene	*41.1*		*"*	*66.7*		*61.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*56.2*		*"*	*67.0*		*83.8*	*30-150*				
LCS (BA30130-BS2)								Prepared: 01/04/2013 Analyzed: 01/07/2013			
Aroclor 1260	251	17.0	ug/kg wet	333		75.2	40-140				
Aroclor 1016	253	17.0	"	333		75.8	40-140				
Surrogate: Tetrachloro-m-xylene	*39.7*		*"*	*66.7*		*59.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*41.9*		*"*	*67.0*		*62.5*	*30-150*				

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Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30201 - EPA SW846-3510C Low Level											
Blank (BA30201-BLK1)									Prepared: 01/08/2013 Analyzed: 01/09/2013		
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	*0.264*		*"*	*0.200*		*132*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.280*		*"*	*0.201*		*139*	*30-150*				

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Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30201 - EPA SW846-3510C Low Level											
LCS (BA30201-BS1)								Prepared: 01/08/2013 Analyzed: 01/09/2013			
Methoxychlor	0.0670	0.00500	ug/L	0.100		67.0	40-140				
Heptachlor epoxide	0.0719	0.00100	"	0.100		71.9	40-140				
Heptachlor	0.0685	0.00100	"	0.100		68.5	40-140				
gamma-BHC (Lindane)	0.0737	0.00100	"	0.100		73.7	40-140				
Endrin ketone	0.0833	0.00100	"	0.100		83.3	40-140				
Endrin aldehyde	0.0899	0.00100	"	0.100		89.9	40-140				
Endrin	0.0711	0.00100	"	0.100		71.1	40-140				
Endosulfan sulfate	0.0866	0.00100	"	0.100		86.6	40-140				
Endosulfan II	0.0874	0.00100	"	0.100		87.4	40-140				
Endosulfan I	0.0890	0.00100	"	0.100		89.0	40-140				
Dieldrin	0.0791	0.00100	"	0.100		79.1	40-140				
delta-BHC	0.0821	0.00100	"	0.100		82.1	40-140				
beta-BHC	0.0761	0.00100	"	0.100		76.1	40-140				
alpha-BHC	0.0774	0.00100	"	0.100		77.4	40-140				
Aldrin	0.0764	0.00100	"	0.100		76.4	40-140				
4,4'-DDT	0.0677	0.00100	"	0.100		67.7	40-140				
4,4'-DDE	0.0639	0.00100	"	0.100		63.9	40-140				
4,4'-DDD	0.0736	0.00100	"	0.100		73.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.249*		*"*	*0.200*		*125*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.236*		*"*	*0.201*		*117*	*30-150*				
LCS (BA30201-BS2)								Prepared: 01/08/2013 Analyzed: 01/09/2013			
Aroclor 1260	0.879	0.0500	ug/L	1.00		87.9	40-140				
Aroclor 1016	0.933	0.0500	"	1.00		93.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.285*		*"*	*0.200*		*142*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.246*		*"*	*0.201*		*122*	*30-150*				
LCS Dup (BA30201-BSD1)								Prepared: 01/08/2013 Analyzed: 01/09/2013			
Methoxychlor	0.0602	0.00500	ug/L	0.100		60.2	40-140		10.7	200	
Heptachlor epoxide	0.0772	0.00100	"	0.100		77.2	40-140		7.17	200	
Heptachlor	0.0748	0.00100	"	0.100		74.8	40-140		8.68	200	
gamma-BHC (Lindane)	0.0794	0.00100	"	0.100		79.4	40-140		7.42	200	
Endrin ketone	0.0835	0.00100	"	0.100		83.5	40-140		0.244	200	
Endrin aldehyde	0.0829	0.00100	"	0.100		82.9	40-140		8.12	200	
Endrin	0.0774	0.00100	"	0.100		77.4	40-140		8.55	200	
Endosulfan sulfate	0.0847	0.00100	"	0.100		84.7	40-140		2.22	200	
Endosulfan II	0.0938	0.00100	"	0.100		93.8	40-140		7.02	200	
Endosulfan I	0.0957	0.00100	"	0.100		95.7	40-140		7.25	200	
Dieldrin	0.0853	0.00100	"	0.100		85.3	40-140		7.56	200	
delta-BHC	0.0887	0.00100	"	0.100		88.7	40-140		7.64	200	
beta-BHC	0.0824	0.00100	"	0.100		82.4	40-140		7.98	200	
alpha-BHC	0.0836	0.00100	"	0.100		83.6	40-140		7.80	200	
Aldrin	0.0823	0.00100	"	0.100		82.3	40-140		7.44	200	
4,4'-DDT	0.0742	0.00100	"	0.100		74.2	40-140		9.17	200	
4,4'-DDE	0.0691	0.00100	"	0.100		69.1	40-140		7.80	200	
4,4'-DDD	0.0806	0.00100	"	0.100		80.6	40-140		9.11	200	
Surrogate: Tetrachloro-m-xylene	*0.260*		*"*	*0.200*		*130*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.229*		*"*	*0.201*		*114*	*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 BA30201 - EPA SW846-3510C Low Level											
LCS Dup (BA30201-BSD2)									Prepared: 01/08/2013 Analyzed: 01/09/2013		
Aroclor 1260	0.906	0.0500	ug/L	1.00		90.6	40-140		3.00	200	
Aroclor 1016	0.932	0.0500	"	1.00		93.2	40-140		0.0858	200	
Surrogate: Tetrachloro-m-xylene	*0.261*		*"*	*0.200*		*130*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.256*		*"*	*0.201*		*127*	*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 BA30145 - EPA 3050B											
Blank (BA30145-BLK1)								Prepared & Analyzed: 01/07/2013			
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	"								
Reference (BA30145-SRM1)								Prepared & Analyzed: 01/07/2013			
Aluminum	8580	2.00	mg/kg wet	9310		92.1	43.3-157				
Antimony	102	0.500	"	120		85.0	20.8-253				
Arsenic	162	1.00	"	168		96.4	70.8-130				
Barium	206	0.500	"	213		96.8	73.2-127				
Beryllium	105	0.100	"	110		95.0	75.1-125				
Cadmium	93.9	0.500	"	103		91.2	73-126				
Calcium	6480	5.00	"	6870		94.3	74.4-126				
Chromium	111	0.500	"	119		93.0	69.7-129				
Cobalt	127	0.500	"	131		96.8	74.4-125				
Copper	117	0.500	"	118		99.3	74.6-125				
Iron	12100	2.00	"	13000		93.0	32.2-168				
Lead	71.0	0.300	"	76.9		92.3	68.7-131				
Magnesium	2520	5.00	"	2780		90.6	61.5-135				
Manganese	330	1.00	"	338		97.7	75.4-125				
Nickel	76.4	0.500	"	70.0		109	70.9-129				
Potassium	2670	10.0	"	3130		85.4	62.9-137				
Selenium	124	0.500	"	126		98.7	66.7-134				
Silver	37.9	0.500	"	42.3		89.5	66.2-134				
Sodium	434	10.0	"	350		124	42.9-157				
Thallium	193	0.500	"	208		93.0	69.2-121				
Vanadium	81.8	0.500	"	87.1		93.9	63.1-137				
Zinc	256	0.500	"	276		92.7	71.3-129				

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 BA30173 - EPA 3010A											
Blank (BA30173-BLK1)								Prepared & Analyzed: 01/07/2013			
Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.010	"								
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 (BA30173-SRM1)								Prepared & Analyzed: 01/07/2013			
Aluminum	0.281	0.010	mg/L	0.292		96.2	72.6-129				
Antimony	0.641	0.005	"	0.686		93.5	70.6-120				
Arsenic	0.166	0.010	"	0.182		91.3	81.9-118				
Barium	2.12	0.010	"	2.08		102	87-113				
Beryllium	0.162	0.001	"	0.169		96.1	84.6-113				
Cadmium	0.369	0.003	"	0.393		93.8	85.2-114				
Chromium	0.577	0.005	"	0.611		94.5	87.1-113				
Cobalt	0.298	0.005	"	0.290		103	87.6-112				
Copper	0.548	0.005	"	0.569		96.2	90-110				
Iron	0.459	0.020	"	0.462		99.4	87.9-114				
Lead	0.262	0.003	"	0.259		101	85.7-114				
Manganese	1.33	0.005	"	1.28		104	89.8-111				
Nickel	0.301	0.005	"	0.279		108	88.5-113				
Selenium	0.953	0.010	"	1.05		90.7	79.5-116				
Silver	0.306	0.005	"	0.333		92.0	85.9-115				
Thallium	0.503	0.010	"	0.487		103	80.1-120				
Vanadium	0.416	0.010	"	0.455		91.4	87.5-112				
Zinc	0.177	0.020	"	0.191		92.8	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 BA30173 - EPA 3010A											
Reference (BA30173-SRM2)							Prepared & Analyzed: 01/07/2013				
Calcium	26.0	0.050	mg/L	25.3		103	86.2-114				
Magnesium	13.3	0.050	"	13.5		98.2	85.9-114				
Potassium	18.2	0.050	"	19.1		95.1	84.8-115				
Sodium	52.2	0.100	"	53.2		98.2	85-115				

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 BA30114 - EPA SW846-7470											
Blank (BA30114-BLK1)								Prepared & Analyzed: 01/04/2013			
Mercury	ND	0.0002	mg/L								
LCS (BA30114-BS1)								Prepared & Analyzed: 01/04/2013			
Mercury	0.003051	0.0002	mg/L	0.00300		102	80-120				
LCS (BA30114-BS2)								Prepared & Analyzed: 01/04/2013			
Mercury	0.003005	0.0002	mg/L	0.00300		100	80-120				
Batch BA30115 - EPA SW846-7471											
Blank (BA30115-BLK1)								Prepared & Analyzed: 01/04/2013			
Mercury	ND	0.100	mg/kg wet								
LCS (BA30115-BS1)								Prepared & Analyzed: 01/04/2013			
Mercury	2.86		mg/kg	2.96		96.6	67.6-131				
Duplicate (BA30115-DUP1)	*Source sample: 13A0066-01 (SP-1 (0'-2'))							Prepared & Analyzed: 01/04/2013			
Mercury	ND	0.119	mg/kg dry		ND					35	
Matrix Spike (BA30115-MS1)	*Source sample: 13A0066-01 (SP-1 (0'-2'))							Prepared & Analyzed: 01/04/2013			
Mercury	0.490		mg/kg	0.500	ND	98.0	75-125				

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 BA30104 - EPA SW846-3060											
Blank (BA30104-BLK1)								Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA30104-SRM1)								Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent	192		mg/L	218		88.1	70.6-129				
Batch BA30199 - Analysis Preparation											
Blank (BA30199-BLK1)								Prepared & Analyzed: 01/03/2013			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA30199-BS1)								Prepared & Analyzed: 01/03/2013			
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500		96.0	80-120				
Duplicate (BA30199-DUP1)	*Source sample: 13A0066-07 (Field Blank)							Prepared & Analyzed: 01/03/2013			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA30199-MS1)	*Source sample: 13A0066-07 (Field Blank)							Prepared & Analyzed: 01/03/2013			
Chromium, Hexavalent	0.490	0.0100	mg/L	0.500	ND	98.0	75-125				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0066-01	SP-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
13A0066-02	SP-1 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
13A0066-03	SP-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
13A0066-04	SP-2 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
13A0066-05	SP-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
13A0066-06	SP-3 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
13A0066-07	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0066-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-WT	The sample weights were not provided by the sampler. The laboratory was directed to use 5.0 g. as the weight in the 5035 VOA vial.
VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
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.

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. 13A0066

YOUR Information		Report to:		Invoice To:		Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	Hydro Tech Env. Corp.	SAME	x	SAME		#120266 79 Clay StTreet Brooklyn 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	5126	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)	

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)

Ezgi Kangal
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

YORK Regulatory Comp Excel *compared to:* **NYSDEC Part 375 Unrestricted and Restricted Residential**

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-1 (0'-2')	1/2/2013	Soil	EPA 8260/8270BNA/8081/8082/TAL Metals (incl. *Chromium Sp.*)	4 vials +8-OZ jar
SP-1 (10'-12')	x	x	x	x
SP-2 (0'-2')	x	x	x	x
SP-2 (10-12')	x	x	x	x
SP-3 (0'-2')	x	x	x	x
SP-3 (6'-8')	x	x	x	x
Field blank	x	DI water	x	2 vials-2-L ambers- 2-250 ml plastic
Trip Blank	x	x	EPA 8260	2 vials
	x			

Comments:

E Designation parameters including Chromium Sp.

x = Same as before

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
[signature]	1/3/13 9:30 AM	[signature]	1-3-13-930 AM	3.8°C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
		Grace	1-3-13 1620	

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Ezgi Karayel

Report Date: 01/10/2013
Client Project ID: #120266 79 Clay StTreet Brooklyn NY
York Project (SDG) No.: 13A0107

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: 01/10/2013
Client Project ID: #120266 79 Clay StTreet Brooklyn NY
York Project (SDG) No.: 13A0107

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Ezgi Karayel

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 January 04, 2013 and listed below. The project was identified as your project: **#120266 79 Clay StTreet Brooklyn 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
13A0107-01	MW-1	Water	01/03/2013	01/04/2013
13A0107-02	MW-2	Water	01/03/2013	01/04/2013
13A0107-03	MW-3	Water	01/03/2013	01/04/2013
13A0107-04	Field Blank	Water	01/03/2013	01/04/2013
13A0107-05	Trip Blank	Water	01/03/2013	01/04/2013

General Notes for York Project (SDG) No.: 13A0107

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:** 01/10/2013

Robert Q. Bradley
Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13A0107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/08/2013 08:20	01/08/2013 15:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
78-93-3	2-Butanone	**4.5**	J	ug/L	1.5	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
67-64-1	Acetone	**25**		ug/L	6.1	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13A0107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/08/2013 08:20	01/08/2013 15:44	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
91-20-3	Naphthalene	**3.4**	J	ug/L	1.2	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
108-88-3	Toluene	**1.2**	J	ug/L	0.17	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/08/2013 08:20	01/08/2013 15:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13A0107-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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*	*95.0 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*			*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	01/07/2013 09:56	01/07/2013 13:34	SR
208-96-8	Acenaphthylene	ND		ug/L	1.78	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
62-53-3	Aniline	ND		ug/L	1.54	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
120-12-7	Anthracene	ND		ug/L	1.22	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.34	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.33	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.45	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.49	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.88	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.94	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.90	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.84	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
218-01-9	Chrysene	ND		ug/L	1.51	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.60	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13A0107-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	1.94	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.64	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.66	10.3	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.31	10.3	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
206-44-0	Fluoranthene	ND		ug/L	1.27	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
86-73-7	Fluorene	ND		ug/L	1.88	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.30	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.86	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
67-72-1	Hexachloroethane	ND		ug/L	3.12	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.74	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.15	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
95-48-7	2-Methylphenol	ND		ug/L	1.19	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
91-20-3	Naphthalene	ND		ug/L	2.04	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
98-95-3	Nitrobenzene	ND		ug/L	1.73	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.42	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.70	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.399	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.49	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
85-01-8	Phenanthrene	**1.78**	J	ug/L	1.41	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
108-95-2	Phenol	ND		ug/L	1.13	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
129-00-0	Pyrene	ND		ug/L	1.77	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13A0107-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	4.01	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.79	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.96	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 13:34	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*107 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*82.6 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*38.2 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*96.3 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*25.3 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*94.5 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
50-29-3	4,4'-DDT	**0.136**		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
72-55-9	4,4'-DDE	**0.00482**		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
72-54-8	4,4'-DDD	**0.00557**		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 19:56	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13A0107-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/08/2013 09:01	01/08/2013 16:26	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW
1336-36-3	Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:26	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.4 %*	*30-150*

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**0.132**		mg/L	0.010	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-39-3	Barium	**0.037**		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-70-2	Calcium	**383**		mg/L	0.019	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7439-89-6	Iron	**0.143**		mg/L	0.010	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7439-92-1	Lead	**0.008**		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7439-95-4	Magnesium	**47.4**		mg/L	0.010	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7439-96-5	Manganese	**2.31**		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-02-0	Nickel	**0.005**		mg/L	0.001	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-09-7	Potassium	**11.5**		mg/L	0.026	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-23-5	Sodium	**42.0**		mg/L	0.061	0.100	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW
7440-66-6	Zinc	**0.113**		mg/L	0.002	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:34	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13A0107-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	**22.2**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-39-3	Barium	**0.657**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-70-2	Calcium	**401**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-47-3	Chromium	**0.075**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-50-8	Copper	**0.026**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7439-89-6	Iron	**51.8**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7439-92-1	Lead	**0.260**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7439-95-4	Magnesium	**50.5**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7439-96-5	Manganese	**3.02**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-02-0	Nickel	**0.016**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-09-7	Potassium	**12.5**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7782-49-2	Selenium	**0.013**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-23-5	Sodium	**44.2**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-62-2	Vanadium	**0.173**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	MW
7440-66-6	Zinc	**0.423**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 19:51	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/EPA 245.1	01/08/2013 08:55	01/08/2013 08:55	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470/EPA 245.1	01/08/2013 08:59	01/08/2013 08:59	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13A0107-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/04/2013 16:25	01/04/2013 16:25	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	01/04/2013 16:25	01/04/2013 16:25	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	**0.0750**		mg/L	0.00800	0.0100	1	Calculation	01/08/2013 09:52	01/08/2013 09:52	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	01/08/2013 09:52	01/08/2013 09:52	AMC

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13A0107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 04:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13A0107-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 04:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
67-64-1	Acetone	**7.2**	J	ug/L	6.1	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	**3.3**	J	ug/L	0.53	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13A0107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 04:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.0 %*	*81.2-127*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.82	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
208-96-8	Acenaphthylene	ND		ug/L	1.78	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
62-53-3	Aniline	ND		ug/L	1.54	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
120-12-7	Anthracene	ND		ug/L	1.22	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.34	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.33	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.45	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.49	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13A0107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.88	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.94	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.90	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.84	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
218-01-9	Chrysene	ND		ug/L	1.51	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.60	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.94	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.64	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.66	10.3	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.31	10.3	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
206-44-0	Fluoranthene	ND		ug/L	1.27	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
86-73-7	Fluorene	ND		ug/L	1.88	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.30	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.86	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13A0107-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
67-72-1	Hexachloroethane	ND		ug/L	3.12	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.74	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.15	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
95-48-7	2-Methylphenol	ND		ug/L	1.19	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
91-20-3	Naphthalene	ND		ug/L	2.04	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
98-95-3	Nitrobenzene	ND		ug/L	1.73	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.42	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.70	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.399	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.49	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
85-01-8	Phenanthrene	ND		ug/L	1.41	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
108-95-2	Phenol	ND		ug/L	1.13	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
129-00-0	Pyrene	ND		ug/L	1.77	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
110-86-1	Pyridine	ND		ug/L	4.01	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.79	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.96	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:07	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*99.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.7 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*32.3 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*80.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*21.2 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*81.5 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13A0107-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/08/2013 09:01	01/09/2013 20:11	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:11	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW
1336-36-3	Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:42	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13A0107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**0.181**		mg/L	0.010	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-39-3	Barium	**0.085**		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-70-2	Calcium	**106**		mg/L	0.019	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7439-89-6	Iron	**0.122**		mg/L	0.010	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7439-95-4	Magnesium	**32.0**		mg/L	0.010	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7439-96-5	Manganese	**0.492**		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-09-7	Potassium	**5.36**		mg/L	0.026	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-23-5	Sodium	**32.4**		mg/L	0.061	0.100	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 19:55	MW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**25.1**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-39-3	Barium	**0.643**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-70-2	Calcium	**121**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-47-3	Chromium	**0.109**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-48-4	Cobalt	**0.011**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-50-8	Copper	**0.090**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13A0107-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**53.3**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7439-92-1	Lead	**0.408**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7439-95-4	Magnesium	**36.9**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7439-96-5	Manganese	**1.06**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-02-0	Nickel	**0.040**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-09-7	Potassium	**8.31**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7782-49-2	Selenium	**0.012**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-23-5	Sodium	**34.2**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-62-2	Vanadium	**0.124**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW
7440-66-6	Zinc	**0.345**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:00	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0003**		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	01/08/2013 08:55	01/08/2013 08:55	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	01/08/2013 08:59	01/08/2013 08:59	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	01/04/2013 16:25	01/04/2013 16:25	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	01/04/2013 16:25	01/04/2013 16:25	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	**0.109**		mg/L	0.00800	0.0100	1	Calculation	01/08/2013 09:52	01/08/2013 09:52	AMC

Chromium, Trivalent-Dissolved

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

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13A0107-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/08/2013 09:52	01/08/2013 09:52	AMC

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13A0107-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 05:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13A0107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 05:26	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13A0107-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 05:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 05:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.1 %*	*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	01/07/2013 09:56	01/07/2013 14:39	SR
208-96-8	Acenaphthylene	ND		ug/L	1.78	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
62-53-3	Aniline	ND		ug/L	1.54	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
120-12-7	Anthracene	ND		ug/L	1.22	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.34	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.33	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.45	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.49	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.88	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.94	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**6.24**		ug/L	4.90	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.84	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13A0107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	1.51	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.60	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.94	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.64	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.66	10.3	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.31	10.3	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
206-44-0	Fluoranthene	ND		ug/L	1.27	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
86-73-7	Fluorene	ND		ug/L	1.88	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.30	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.86	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
67-72-1	Hexachloroethane	ND		ug/L	3.12	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.74	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.15	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
95-48-7	2-Methylphenol	ND		ug/L	1.19	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
91-20-3	Naphthalene	ND		ug/L	2.04	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
98-95-3	Nitrobenzene	ND		ug/L	1.73	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.42	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13A0107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	1.70	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.399	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.49	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
85-01-8	Phenanthrene	ND		ug/L	1.41	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
108-95-2	Phenol	ND		ug/L	1.13	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
129-00-0	Pyrene	ND		ug/L	1.77	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
110-86-1	Pyridine	ND		ug/L	4.01	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.79	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.96	5.13	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 14:39	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*106 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*83.3 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*37.1 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*94.5 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*24.0 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*91.3 %*	*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	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
72-43-5	Methoxychlor	ND		ug/L	0.00500	0.00500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
72-20-8	Endrin	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
959-98-8	Endosulfan I	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
60-57-1	Dieldrin	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
319-86-8	delta-BHC	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13A0107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	0.00400	0.00400	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
319-85-7	beta-BHC	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
319-84-6	alpha-BHC	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
309-00-2	Aldrin	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00100	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:26	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW
1336-36-3	Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 16:58	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.4 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-150*

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-39-3	Barium	**0.044**		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-70-2	Calcium	**143**		mg/L	0.019	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-50-8	Copper	**0.010**		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7439-89-6	Iron	**0.035**		mg/L	0.010	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7439-95-4	Magnesium	**22.1**		mg/L	0.010	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7439-96-5	Manganese	**0.108**		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13A0107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	**0.010**		mg/L	0.001	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-09-7	Potassium	**10.2**		mg/L	0.026	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7782-49-2	Selenium	**0.021**		mg/L	0.007	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-23-5	Sodium	**14.8**		mg/L	0.061	0.100	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW
7440-66-6	Zinc	**0.151**		mg/L	0.002	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:05	MW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**0.136**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-39-3	Barium	**0.050**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-70-2	Calcium	**148**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-50-8	Copper	**0.012**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7439-89-6	Iron	**0.375**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7439-92-1	Lead	**0.004**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7439-95-4	Magnesium	**22.9**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7439-96-5	Manganese	**0.125**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-02-0	Nickel	**0.012**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-09-7	Potassium	**10.3**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7782-49-2	Selenium	**0.022**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-23-5	Sodium	**15.5**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW
7440-66-6	Zinc	**0.179**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:09	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13A0107-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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/EPA 245.1	01/08/2013 08:55	01/08/2013 08:55	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	01/08/2013 08:59	01/08/2013 08:59	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	01/04/2013 16:25	01/04/2013 16:25	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	01/04/2013 16:25	01/04/2013 16:25	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	01/08/2013 09:52	01/08/2013 09:52	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	01/08/2013 09:52	01/08/2013 09:52	AMC

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 13A0107-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 06:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 06:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
67-64-1	Acetone	**8.0**	J	ug/L	6.1	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 06:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.0 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	1.86	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
208-96-8	Acenaphthylene	ND		ug/L	1.83	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
120-12-7	Anthracene	ND		ug/L	1.25	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.38	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.37	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.48	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.80	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.03	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.88	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
218-01-9	Chrysene	ND		ug/L	1.55	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.64	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
84-66-2	Diethyl phthalate	**3.16**	J	ug/L	2.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.68	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.71	10.5	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	2.37	10.5	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
206-44-0	Fluoranthene	ND		ug/L	1.31	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
86-73-7	Fluorene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.34	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.94	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
67-72-1	Hexachloroethane	ND		ug/L	3.20	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.79	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.18	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
95-48-7	2-Methylphenol	ND		ug/L	1.22	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
91-20-3	Naphthalene	ND		ug/L	2.09	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
98-95-3	Nitrobenzene	ND		ug/L	1.78	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.48	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.75	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.409	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
85-01-8	Phenanthrene	ND		ug/L	1.44	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
108-95-2	Phenol	ND		ug/L	1.16	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
129-00-0	Pyrene	ND		ug/L	1.82	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.84	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.01	5.26	1	EPA 8270C/625	01/07/2013 09:56	01/07/2013 15:13	SR

Surrogate Recoveries	Result	Acceptance Range

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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*	*97.6 %*			*15-110*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.6 %*			*30-130*						
367-12-4	*Surrogate: 2-Fluorophenol*	*29.8 %*			*15-110*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*83.7 %*			*30-130*						
4165-62-2	*Surrogate: Phenol-d5*	*21.3 %*			*10-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*99.4 %*			*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	01/08/2013 09:01	01/09/2013 20:41	JW
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
57-74-9	Chlordane, total	ND		ug/L	0.00421	0.00421	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/09/2013 20:41	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/08/2013 09:01	01/08/2013 17:14	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	01/08/2013 09:01	01/08/2013 17:14	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.9 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.1 %*	*30-150*

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-39-3	Barium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-70-2	Calcium	ND		mg/L	0.019	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7439-89-6	Iron	ND		mg/L	0.010	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7439-95-4	Magnesium	ND		mg/L	0.010	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7439-96-5	Manganese	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-09-7	Potassium	ND		mg/L	0.026	0.050	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-23-5	Sodium	ND		mg/L	0.061	0.100	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 20:14	MW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-39-3	Barium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-70-2	Calcium	ND		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7439-89-6	Iron	ND		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7439-95-4	Magnesium	ND		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7439-96-5	Manganese	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-09-7	Potassium	ND		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-23-5	Sodium	ND		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	01/07/2013 15:16	01/07/2013 20:19	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0003**		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	01/08/2013 08:55	01/08/2013 08:55	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470/EPA 245.1	01/08/2013 08:59	01/08/2013 08:59	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **13A0107-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/04/2013 16:25	01/04/2013 16:25	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	01/04/2013 16:25	01/04/2013 16:25	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	01/08/2013 09:52	01/08/2013 09:52	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	01/08/2013 09:52	01/08/2013 09:52	AMC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13A0107-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 06:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13A0107-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	01/07/2013 15:34	01/08/2013 06:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13A0107-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0107	#120266 79 Clay StTreet Brooklyn NY	Water	January 3, 2013 3:00 pm	01/04/2013

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	ND		ug/L	2.4	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA SW846-8260B	01/07/2013 15:34	01/08/2013 06:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA30148 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/07/13
13A0107-02	MW-2	01/07/13
13A0107-03	MW-3	01/07/13
13A0107-04	Field Blank	01/07/13
BA30148-BLK1	Blank	01/07/13
BA30148-BS1	LCS	01/07/13
BA30148-BSD1	LCS Dup	01/07/13

Batch ID: BA30149 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/04/13
13A0107-02	MW-2	01/04/13
13A0107-03	MW-3	01/04/13
13A0107-04	Field Blank	01/04/13
BA30149-BLK1	Blank	01/04/13
BA30149-BS1	LCS	01/04/13
BA30149-DUP1	Duplicate	01/04/13
BA30149-MS1	Matrix Spike	01/04/13

Batch ID: BA30150 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/04/13
13A0107-02	MW-2	01/04/13
13A0107-03	MW-3	01/04/13
13A0107-04	Field Blank	01/04/13
BA30150-BLK1	Blank	01/04/13
BA30150-BS1	LCS	01/04/13
BA30150-DUP1	Duplicate	01/04/13
BA30150-MS1	Matrix Spike	01/04/13

Batch ID: BA30159 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/08/13
13A0107-02	MW-2	01/08/13
13A0107-03	MW-3	01/08/13
13A0107-04	Field Blank	01/08/13
BA30159-BLK1	Blank	01/08/13
BA30159-BS1	LCS	01/08/13
BA30159-BS2	LCS	01/08/13

Batch ID: BA30160 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date

13A0107-01	MW-1	01/08/13
13A0107-02	MW-2	01/08/13
13A0107-03	MW-3	01/08/13
13A0107-04	Field Blank	01/08/13
BA30160-BLK1	Blank	01/08/13
BA30160-BS1	LCS	01/08/13
BA30160-BS2	LCS	01/08/13

Batch ID: BA30173 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/07/13
13A0107-02	MW-2	01/07/13
13A0107-03	MW-3	01/07/13
13A0107-04	Field Blank	01/07/13
BA30173-BLK1	Blank	01/07/13
BA30173-SRM1	Reference	01/07/13
BA30173-SRM2	Reference	01/07/13

Batch ID: BA30176 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-02	MW-2	01/07/13
13A0107-03	MW-3	01/07/13
13A0107-04	Field Blank	01/07/13
13A0107-05	Trip Blank	01/07/13
BA30176-BLK1	Blank	01/07/13
BA30176-BS1	LCS	01/07/13
BA30176-BSD1	LCS Dup	01/07/13
BA30176-MS1	Matrix Spike	01/07/13
BA30176-MSD1	Matrix Spike Dup	01/07/13

Batch ID: BA30201 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/08/13
13A0107-02	MW-2	01/08/13
13A0107-03	MW-3	01/08/13
13A0107-04	Field Blank	01/08/13
BA30201-BLK1	Blank	01/08/13
BA30201-BS1	LCS	01/08/13
BA30201-BS2	LCS	01/08/13
BA30201-BSD1	LCS Dup	01/08/13
BA30201-BSD2	LCS Dup	01/08/13

Batch ID: BA30206 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/08/13
13A0107-02	MW-2	01/08/13
13A0107-03	MW-3	01/08/13
13A0107-04	Field Blank	01/08/13

YORK
ANALYTICAL LABORATORIES, INC.

Batch ID: BA30216 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0107-01	MW-1	01/08/13

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 BA30176 - EPA 5030B											
Blank (BA30176-BLK1)											Prepared: 01/07/2013 Analyzed: 01/08/2013
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 BA30176 - EPA 5030B											
Blank (BA30176-BLK1)								Prepared: 01/07/2013 Analyzed: 01/08/2013			
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	*45.7*		*"*	*50.0*		*91.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*81.2-127*				
LCS (BA30176-BS1)								Prepared & Analyzed: 01/07/2013			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		99.0	82.3-130				
1,1,1-Trichloroethane	48		"	50.0		95.2	75.6-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	71.1-129				
1,1,2-Trichloroethane	53		"	50.0		107	74.5-129				
1,1-Dichloroethane	52		"	50.0		104	79.6-132				
1,1-Dichloroethylene	48		"	50.0		95.4	80.2-146				
1,1-Dichloropropylene	49		"	50.0		98.1	75-136				
1,2,3-Trichlorobenzene	52		"	50.0		104	66.1-136				
1,2,3-Trichloropropane	44		"	50.0		88.5	63-131				
1,2,4-Trichlorobenzene	50		"	50.0		99.5	70.6-136				
1,2,4-Trimethylbenzene	43		"	50.0		86.2	75.3-135				
1,2-Dibromo-3-chloropropane	45		"	50.0		90.7	58.9-140				
1,2-Dibromoethane	51		"	50.0		103	79-130				
1,2-Dichlorobenzene	50		"	50.0		100	76.1-122				
1,2-Dichloroethane	48		"	50.0		96.0	74.6-132				
1,2-Dichloropropane	49		"	50.0		98.8	76.9-129				
1,3,5-Trimethylbenzene	44		"	50.0		88.9	70.6-127				
1,3-Dichlorobenzene	49		"	50.0		98.0	77-124				
1,3-Dichloropropane	50		"	50.0		101	75.8-126				
1,4-Dichlorobenzene	48		"	50.0		95.1	76.6-125				
2,2-Dichloropropane	45		"	50.0		90.3	69-133				
2-Butanone	49		"	50.0		98.1	70-130				
2-Chlorotoluene	43		"	50.0		85.9	66.3-119				
4-Chlorotoluene	44		"	50.0		87.9	69.2-127				
Acetone	34		"	50.0		68.7	70-130	Low Bias			
Benzene	52		"	50.0		104	76.2-129				
Bromobenzene	44		"	50.0		88.4	71.3-123				
Bromochloromethane	50		"	50.0		101	70.8-137				
Bromodichloromethane	49		"	50.0		97.1	79.7-134				
Bromoform	47		"	50.0		94.1	70.5-141				
Bromomethane	45		"	50.0		89.1	43.9-147				
Carbon tetrachloride	48		"	50.0		95.7	78.1-138				
Chlorobenzene	50		"	50.0		99.9	80.4-125				
Chloroethane	50		"	50.0		100	55.8-140				
Chloroform	51		"	50.0		102	76.6-133				
Chloromethane	44		"	50.0		88.9	48.8-115				
cis-1,2-Dichloroethylene	54		"	50.0		109	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 BA30176 - EPA 5030B											
LCS (BA30176-BS1)							Prepared & Analyzed: 01/07/2013				
cis-1,3-Dichloropropylene	48		ug/L	50.0		96.4	74.5-128				
Dibromochloromethane	50		"	50.0		101	79.8-134				
Dibromomethane	49		"	50.0		98.4	79-130				
Dichlorodifluoromethane	51		"	50.0		102	47.1-101	High Bias			
Ethyl Benzene	50		"	50.0		99.6	80.8-128				
Hexachlorobutadiene	46		"	50.0		91.2	64.8-128				
Isopropylbenzene	45		"	50.0		91.0	75.5-135				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	65.1-140				
Methylene chloride	48		"	50.0		95.5	61.3-120				
Naphthalene	51		"	50.0		103	62.3-148				
n-Butylbenzene	43		"	50.0		86.3	67.2-123				
n-Propylbenzene	44		"	50.0		88.7	70.5-127				
o-Xylene	49		"	50.0		98.6	75.9-122				
p- & m- Xylenes	98		"	100		97.9	77.7-127				
p-Isopropyltoluene	46		"	50.0		92.2	75.6-129				
sec-Butylbenzene	46		"	50.0		92.5	71.5-125				
Styrene	51		"	50.0		102	77.8-123				
tert-Butylbenzene	47		"	50.0		94.6	75.9-151				
Tetrachloroethylene	51		"	50.0		102	63.6-167				
Toluene	51		"	50.0		102	77-123				
trans-1,2-Dichloroethylene	49		"	50.0		98.9	76.3-139				
trans-1,3-Dichloropropylene	48		"	50.0		95.1	72.5-137				
Trichloroethylene	47		"	50.0		93.3	77.9-130				
Trichlorofluoromethane	46		"	50.0		92.2	57.4-133				
Vinyl Chloride	46		"	50.0		92.9	54.9-124				
Vinyl acetate	19		"	50.0		37.9	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*44.9*		*"*	*50.0*		*89.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*63.5-145*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30176 - EPA 5030B											
LCS Dup (BA30176-BSD1)								Prepared: 01/07/2013 Analyzed: 01/08/2013			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.2	82.3-130		4.95	21.1	
1,1,1-Trichloroethane	47		"	50.0		94.0	75.6-137		1.25	19.7	
1,1,2,2-Tetrachloroethane	47		"	50.0		93.7	71.3-131		7.36	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		109	71.1-129		2.96	21.7	
1,1,2-Trichloroethane	53		"	50.0		106	74.5-129		1.15	20.3	
1,1-Dichloroethane	49		"	50.0		97.2	79.6-132		6.28	20.6	
1,1-Dichloroethylene	45		"	50.0		90.8	80.2-146		4.85	20	
1,1-Dichloropropylene	47		"	50.0		94.3	75-136		3.93	19.3	
1,2,3-Trichlorobenzene	50		"	50.0		101	66.1-136		2.89	21.6	
1,2,3-Trichloropropane	42		"	50.0		84.8	63-131		4.36	23.9	
1,2,4-Trichlorobenzene	49		"	50.0		98.8	70.6-136		0.646	21.7	
1,2,4-Trimethylbenzene	42		"	50.0		84.1	75.3-135		2.51	18.8	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.8	58.9-140		2.31	27.7	
1,2-Dibromoethane	49		"	50.0		98.2	79-130		4.69	23	
1,2-Dichlorobenzene	48		"	50.0		95.8	76.1-122		4.67	19.8	
1,2-Dichloroethane	46		"	50.0		92.4	74.6-132		3.80	20.2	
1,2-Dichloropropane	47		"	50.0		94.7	76.9-129		4.16	20.7	
1,3,5-Trimethylbenzene	42		"	50.0		83.8	70.6-127		6.00	18.9	
1,3-Dichlorobenzene	46		"	50.0		92.4	77-124		5.97	19.2	
1,3-Dichloropropane	48		"	50.0		95.5	75.8-126		5.16	22.1	
1,4-Dichlorobenzene	47		"	50.0		93.9	76.6-125		1.31	18.6	
2,2-Dichloropropane	44		"	50.0		88.5	69-133		1.95	19.8	
2-Butanone	48		"	50.0		95.6	70-130		2.58	30	
2-Chlorotoluene	42		"	50.0		83.1	66.3-119		3.34	21.6	
4-Chlorotoluene	42		"	50.0		83.2	69.2-127		5.50	19	
Acetone	34		"	50.0		67.8	70-130	Low Bias	1.32	30	
Benzene	50		"	50.0		100	76.2-129		3.08	19	
Bromobenzene	42		"	50.0		84.5	71.3-123		4.47	20.3	
Bromochloromethane	52		"	50.0		104	70.8-137		2.94	23.9	
Bromodichloromethane	45		"	50.0		89.3	79.7-134		8.35	21	
Bromoform	44		"	50.0		88.7	70.5-141		5.91	21.8	
Bromomethane	43		"	50.0		85.5	43.9-147		4.15	28.4	
Carbon tetrachloride	45		"	50.0		90.8	78.1-138		5.25	20.1	
Chlorobenzene	50		"	50.0		101	80.4-125		0.639	19.9	
Chloroethane	46		"	50.0		92.9	55.8-140		7.60	23.3	
Chloroform	50		"	50.0		99.5	76.6-133		2.21	20.3	
Chloromethane	40		"	50.0		80.6	48.8-115		9.77	24.5	
cis-1,2-Dichloroethylene	54		"	50.0		107	75.1-128		1.44	20.5	
cis-1,3-Dichloropropylene	46		"	50.0		92.9	74.5-128		3.68	19.9	
Dibromochloromethane	49		"	50.0		97.3	79.8-134		3.61	21.3	
Dibromomethane	48		"	50.0		96.0	79-130		2.51	22.4	
Dichlorodifluoromethane	49		"	50.0		97.5	47.1-101		4.88	23.9	
Ethyl Benzene	48		"	50.0		97.0	80.8-128		2.69	19.2	
Hexachlorobutadiene	46		"	50.0		91.4	64.8-128		0.153	20.6	
Isopropylbenzene	44		"	50.0		87.0	75.5-135		4.43	20	
Methyl tert-butyl ether (MTBE)	54		"	50.0		107	65.1-140		1.35	23.6	
Methylene chloride	47		"	50.0		94.4	61.3-120		1.16	20.4	
Naphthalene	50		"	50.0		100	62.3-148		2.49	27.1	
n-Butylbenzene	42		"	50.0		83.7	67.2-123		3.03	19.1	
n-Propylbenzene	42		"	50.0		84.3	70.5-127		5.13	23.4	
o-Xylene	47		"	50.0		93.1	75.9-122		5.80	19.3	
p- & m- Xylenes	94		"	100		93.6	77.7-127		4.49	18.6	
p-Isopropyltoluene	43		"	50.0		85.3	75.6-129		7.73	19.1	
sec-Butylbenzene	44		"	50.0		88.6	71.5-125		4.31	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 BA30176 - EPA 5030B											
LCS Dup (BA30176-BSD1)								Prepared: 01/07/2013 Analyzed: 01/08/2013			
Styrene	49		ug/L	50.0		97.7	77.8-123		4.45	20.9	
tert-Butylbenzene	44		"	50.0		88.2	75.9-151		6.96	20.9	
Tetrachloroethylene	51		"	50.0		101	63.6-167		0.906	27.7	
Toluene	49		"	50.0		97.3	77-123		4.38	18.7	
trans-1,2-Dichloroethylene	49		"	50.0		98.2	76.3-139		0.751	19.5	
trans-1,3-Dichloropropylene	46		"	50.0		92.9	72.5-137		2.36	19.3	
Trichloroethylene	47		"	50.0		93.1	77.9-130		0.129	20.5	
Trichlorofluoromethane	43		"	50.0		86.2	57.4-133		6.75	21.4	
Vinyl Chloride	45		"	50.0		89.6	54.9-124		3.55	22.3	
Vinyl acetate	19		"	50.0		37.0	70-130	Low Bias	2.24	30	
Surrogate: 1,2-Dichloroethane-d4	*44.8*		*"*	*50.0*		*89.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*46.2*		*"*	*50.0*		*92.4*	*63.5-145*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*81.2-127*				
Matrix Spike (BA30176-MS1)	*Source sample: 13A0107-02 (MW-2)							Prepared: 01/07/2013 Analyzed: 01/08/2013			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0	ND	104	82-138				
1,1,1-Trichloroethane	51		"	50.0	ND	102	85.7-133				
1,1,2,2-Tetrachloroethane	53		"	50.0	ND	105	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0	ND	120	74.8-131				
1,1,2-Trichloroethane	51		"	50.0	ND	103	82.5-129				
1,1-Dichloroethane	57		"	50.0	ND	114	81.4-137				
1,1-Dichloroethylene	51		"	50.0	ND	101	90-138				
1,1-Dichloropropylene	51		"	50.0	ND	101	91.7-131				
1,2,3-Trichlorobenzene	51		"	50.0	ND	102	75.9-130				
1,2,3-Trichloropropane	47		"	50.0	ND	94.0	77.1-140				
1,2,4-Trichlorobenzene	52		"	50.0	ND	104	69.8-135				
1,2,4-Trimethylbenzene	45		"	50.0	ND	89.4	79.4-131				
1,2-Dibromo-3-chloropropane	38		"	50.0	ND	76.0	66.6-143				
1,2-Dibromoethane	53		"	50.0	ND	105	79.8-136				
1,2-Dichlorobenzene	52		"	50.0	ND	104	79.9-130				
1,2-Dichloroethane	51		"	50.0	ND	102	85-133				
1,2-Dichloropropane	50		"	50.0	ND	99.8	81.1-132				
1,3,5-Trimethylbenzene	46		"	50.0	ND	91.7	76.1-121				
1,3-Dichlorobenzene	53		"	50.0	ND	106	79.1-124				
1,3-Dichloropropane	52		"	50.0	ND	103	83.3-130				
1,4-Dichlorobenzene	53		"	50.0	ND	105	79.4-128				
2,2-Dichloropropane	44		"	50.0	ND	87.4	54.2-126				
2-Butanone	49		"	50.0	ND	97.9	70-130				
2-Chlorotoluene	47		"	50.0	ND	94.7	60.2-144				
4-Chlorotoluene	46		"	50.0	ND	92.9	79.8-128				
Acetone	43		"	50.0	7.2	72.1	70-130				
Benzene	58		"	50.0	ND	115	74.1-134				
Bromobenzene	48		"	50.0	ND	96.0	76.6-125				
Bromochloromethane	54		"	50.0	ND	109	85-133				
Bromodichloromethane	49		"	50.0	ND	98.9	80.8-143				
Bromoform	48		"	50.0	ND	96.8	65.8-164				
Bromomethane	51		"	50.0	ND	102	68.7-112				
Carbon tetrachloride	51		"	50.0	ND	103	85.7-138				
Chlorobenzene	53		"	50.0	ND	106	79.9-129				
Chloroethane	53		"	50.0	ND	107	74.7-127				
Chloroform	55		"	50.0	ND	110	50.6-145				
Chloromethane	51		"	50.0	ND	102	64-111				
cis-1,2-Dichloroethylene	59		"	50.0	ND	118	75.5-129				
cis-1,3-Dichloropropylene	49		"	50.0	ND	98.2	74.3-128				

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 BA30176 - EPA 5030B											
Matrix Spike (BA30176-MS1)	*Source sample: 13A0107-02 (MW-2)							Prepared: 01/07/2013 Analyzed: 01/08/2013			
Dibromochloromethane	52		ug/L	50.0	ND	104	76.8-150				
Dibromomethane	51		"	50.0	ND	102	83.3-140				
Dichlorodifluoromethane	67		"	50.0	ND	134	51-100	High Bias			
Ethyl Benzene	51		"	50.0	ND	102	82.9-127				
Hexachlorobutadiene	51		"	50.0	ND	101	73-128				
Isopropylbenzene	49		"	50.0	ND	98.2	78.7-131				
Methyl tert-butyl ether (MTBE)	58		"	50.0	3.3	108	81.2-134				
Methylene chloride	53		"	50.0	ND	105	57.8-103	High Bias			
Naphthalene	50		"	50.0	ND	101	80.1-122				
n-Butylbenzene	45		"	50.0	ND	90.7	72.4-120				
n-Propylbenzene	47		"	50.0	ND	94.8	74-130				
o-Xylene	48		"	50.0	ND	96.1	78.8-122				
p- & m- Xylenes	97		"	100	ND	97.2	82.5-123				
p-Isopropyltoluene	47		"	50.0	ND	94.7	64.9-132				
sec-Butylbenzene	50		"	50.0	ND	99.1	25.4-151				
Styrene	50		"	50.0	ND	101	74.1-134				
tert-Butylbenzene	50		"	50.0	ND	100	79.5-171				
Tetrachloroethylene	55		"	50.0	ND	110	72.5-130				
Toluene	51		"	50.0	ND	103	77.8-121				
trans-1,2-Dichloroethylene	54		"	50.0	ND	109	83.8-140				
trans-1,3-Dichloropropylene	46		"	50.0	ND	91.7	74.9-136				
Trichloroethylene	49		"	50.0	ND	97.8	84.4-125				
Trichlorofluoromethane	49		"	50.0	ND	98.3	78.7-127				
Vinyl Chloride	54		"	50.0	ND	108	72.1-116				
Vinyl acetate	15		"	50.0	ND	29.3	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*42.8*		*"*	*50.0*		*85.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*46.4*		*"*	*50.0*		*92.9*	*63.5-145*				
Surrogate: Toluene-d8	*46.1*		*"*	*50.0*		*92.2*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Batch BA30176 - EPA 5030B

Matrix Spike Dup (BA30176-MSD1) *Source sample: 13A0107-02 (MW-2) Prepared: 01/07/2013 Analyzed: 01/08/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	55		ug/L	50.0	ND	109	82-138		4.75	21.3	
1,1,1-Trichloroethane	49		"	50.0	ND	97.5	85.7-133		4.12	22.6	
1,1,2,2-Tetrachloroethane	50		"	50.0	ND	101	78.6-136		4.24	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0	ND	115	74.8-131		4.92	25.6	
1,1,2-Trichloroethane	54		"	50.0	ND	107	82.5-129		4.17	19.3	
1,1-Dichloroethane	56		"	50.0	ND	112	81.4-137		1.57	20.7	
1,1-Dichloroethylene	48		"	50.0	ND	96.8	90-138		4.49	22.9	
1,1-Dichloropropylene	50		"	50.0	ND	101	91.7-131		0.634	24.9	
1,2,3-Trichlorobenzene	51		"	50.0	ND	102	75.9-130		0.176	21.4	
1,2,3-Trichloropropane	46		"	50.0	ND	91.6	77.1-140		2.61	28	
1,2,4-Trichlorobenzene	50		"	50.0	ND	101	69.8-135		3.56	22.5	
1,2,4-Trimethylbenzene	46		"	50.0	ND	92.8	79.4-131		3.71	33.9	
1,2-Dibromo-3-chloropropane	49		"	50.0	ND	98.0	66.6-143		25.4	23.3	Non-dir.
1,2-Dibromoethane	53		"	50.0	ND	105	79.8-136		0.00	19.1	
1,2-Dichlorobenzene	52		"	50.0	ND	103	79.9-130		0.965	23.2	
1,2-Dichloroethane	49		"	50.0	ND	97.8	85-133		4.44	19.1	
1,2-Dichloropropane	53		"	50.0	ND	106	81.1-132		6.31	19.9	
1,3,5-Trimethylbenzene	46		"	50.0	ND	92.9	76.1-121		1.30	31.2	
1,3-Dichlorobenzene	51		"	50.0	ND	101	79.1-124		4.64	22.6	
1,3-Dichloropropane	53		"	50.0	ND	107	83.3-130		3.03	20.9	
1,4-Dichlorobenzene	50		"	50.0	ND	99.8	79.4-128		5.38	21	
2,2-Dichloropropane	41		"	50.0	ND	81.9	54.2-126		6.45	24.5	
2-Butanone	46		"	50.0	ND	92.2	70-130		5.98	30	
2-Chlorotoluene	46		"	50.0	ND	91.7	60.2-144		3.26	30.8	
4-Chlorotoluene	47		"	50.0	ND	93.7	79.8-128		0.815	23.2	
Acetone	37		"	50.0	7.2	59.6	70-130	Low Bias	19.0	30	
Benzene	55		"	50.0	ND	110	74.1-134		4.45	20.8	
Bromobenzene	46		"	50.0	ND	92.1	76.6-125		4.10	23	
Bromochloromethane	53		"	50.0	ND	106	85-133		2.38	18.4	
Bromodichloromethane	51		"	50.0	ND	101	80.8-143		2.18	18.1	
Bromoform	49		"	50.0	ND	97.2	65.8-164		0.433	27.3	
Bromomethane	49		"	50.0	ND	97.6	68.7-112		4.21	22.8	
Carbon tetrachloride	50		"	50.0	ND	99.2	85.7-138		3.49	25.1	
Chlorobenzene	53		"	50.0	ND	106	79.9-129		0.433	21	
Chloroethane	53		"	50.0	ND	106	74.7-127		0.752	23.7	
Chloroform	53		"	50.0	ND	106	50.6-145		3.67	21.7	
Chloromethane	51		"	50.0	ND	101	64-111		0.887	21.4	
cis-1,2-Dichloroethylene	54		"	50.0	ND	109	75.5-129		8.30	20.2	
cis-1,3-Dichloropropylene	52		"	50.0	ND	103	74.3-128		5.26	19.8	
Dibromochloromethane	53		"	50.0	ND	107	76.8-150		2.32	20.8	
Dibromomethane	53		"	50.0	ND	106	83.3-140		4.05	20.4	
Dichlorodifluoromethane	67		"	50.0	ND	135	51-100	High Bias	0.461	27.6	
Ethyl Benzene	53		"	50.0	ND	106	82.9-127		3.77	21.4	
Hexachlorobutadiene	51		"	50.0	ND	101	73-128		0.119	26	
Isopropylbenzene	48		"	50.0	ND	95.9	78.7-131		2.43	26.7	
Methyl tert-butyl ether (MTBE)	56		"	50.0	3.3	106	81.2-134		2.58	21.2	
Methylene chloride	52		"	50.0	ND	104	57.8-103	High Bias	1.30	21.2	
Naphthalene	53		"	50.0	ND	107	80.1-122		5.79	26.1	
n-Butylbenzene	43		"	50.0	ND	86.9	72.4-120		4.23	30.8	
n-Propylbenzene	46		"	50.0	ND	92.4	74-130		2.59	31	
o-Xylene	52		"	50.0	ND	104	78.8-122		7.49	21	
p- & m- Xylenes	100		"	100	ND	102	82.5-123		5.33	22.5	
p-Isopropyltoluene	48		"	50.0	ND	95.8	64.9-132		1.22	25.2	
sec-Butylbenzene	49		"	50.0	ND	97.3	25.4-151		1.77	25.2	

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 BA30176 - EPA 5030B											
Matrix Spike Dup (BA30176-MSD1)	*Source sample: 13A0107-02 (MW-2)							Prepared: 01/07/2013 Analyzed: 01/08/2013			
Styrene	51		ug/L	50.0	ND	102	74.1-134		1.17	20	
tert-Butylbenzene	48		"	50.0	ND	96.1	79.5-171		3.92	24.8	
Tetrachloroethylene	54		"	50.0	ND	108	72.5-130		1.86	22.7	
Toluene	52		"	50.0	ND	104	77.8-121		0.911	21.5	
trans-1,2-Dichloroethylene	52		"	50.0	ND	104	83.8-140		4.77	20.1	
trans-1,3-Dichloropropylene	46		"	50.0	ND	92.8	74.9-136		1.19	22.5	
Trichloroethylene	51		"	50.0	ND	102	84.4-125		4.64	20.7	
Trichlorofluoromethane	49		"	50.0	ND	98.1	78.7-127		0.244	24.7	
Vinyl Chloride	54		"	50.0	ND	108	72.1-116		0.0372	24.9	
Vinyl acetate	15		"	50.0	ND	30.3	70-130	Low Bias	3.35	30	
Surrogate: 1,2-Dichloroethane-d4	*43.0*		*"*	*50.0*		*86.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*63.5-145*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30148 - EPA 3510C											
Blank (BA30148-BLK1)								Prepared & Analyzed: 01/07/2013			
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	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-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 BA30148 - EPA 3510C											
Blank (BA30148-BLK1)								Prepared & Analyzed: 01/07/2013			
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	*51.0*		*"*	*75.0*		*68.0*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*29.5*		*"*	*50.0*		*59.0*	*30-130*				
Surrogate: 2-Fluorophenol	*52.5*		*"*	*75.2*		*69.8*	*15-110*				
Surrogate: Nitrobenzene-d5	*34.8*		*"*	*50.1*		*69.4*	*30-130*				
Surrogate: Phenol-d5	*51.8*		*"*	*75.0*		*69.1*	*10-110*				
Surrogate: Terphenyl-d14	*31.7*		*"*	*50.0*		*63.5*	*30-130*				
LCS (BA30148-BS1)								Prepared & Analyzed: 01/07/2013			
Acenaphthene	34.6	5.00	ug/L	50.0		69.3	30-140				
Acenaphthylene	32.7	5.00	"	50.0		65.4	30-140				
Aniline	24.9	5.00	"	50.0		49.8	30-140				
Anthracene	33.7	5.00	"	50.0		67.4	30-140				
Benzo(a)anthracene	37.4	5.00	"	50.0		74.8	30-140				
Benzo(a)pyrene	40.4	5.00	"	50.0		80.8	30-140				
Benzo(b)fluoranthene	42.2	5.00	"	50.0		84.5	30-140				
Benzyl alcohol	38.0	5.00	"	50.0		76.1	30-130				
Benzo(g,h,i)perylene	23.7	5.00	"	50.0		47.5	30-140				
Benzo(k)fluoranthene	36.2	5.00	"	50.0		72.4	30-140				
Benzyl butyl phthalate	35.9	5.00	"	50.0		71.8	30-140				
4-Bromophenyl phenyl ether	32.5	5.00	"	50.0		65.0	30-140				
4-Chloro-3-methylphenol	39.5	5.00	"	50.0		78.9	30-130				
4-Chloroaniline	27.4	5.00	"	50.0		54.8	30-140				
Bis(2-chloroethoxy)methane	34.0	5.00	"	50.0		68.0	30-140				
Bis(2-chloroethyl)ether	35.0	5.00	"	50.0		70.0	30-140				
Bis(2-chloroisopropyl)ether	32.3	5.00	"	50.0		64.5	30-140				
Bis(2-ethylhexyl)phthalate	37.9	5.00	"	50.0		75.9	30-140				
2-Chloronaphthalene	35.0	5.00	"	50.0		70.0	30-140				
2-Chlorophenol	38.3	5.00	"	50.0		76.6	30-130				
4-Chlorophenyl phenyl ether	34.2	5.00	"	50.0		68.5	30-140				
Chrysene	36.3	5.00	"	50.0		72.5	30-140				
Dibenzo(a,h)anthracene	25.7	5.00	"	50.0		51.4	30-140				
Dibenzofuran	34.5	5.00	"	50.0		69.0	30-140				
Di-n-butyl phthalate	34.2	5.00	"	50.0		68.5	30-140				
1,3-Dichlorobenzene	37.3	5.00	"	50.0		74.6	30-140				
1,2-Dichlorobenzene	37.4	5.00	"	50.0		74.8	30-140				
1,4-Dichlorobenzene	38.3	5.00	"	50.0		76.7	30-140				
3,3'-Dichlorobenzidine	31.6	5.00	"	50.0		63.1	30-140				
2,4-Dichlorophenol	41.9	5.00	"	50.0		83.8	30-130				
Diethyl phthalate	35.3	5.00	"	50.0		70.6	30-140				
2,4-Dimethylphenol	40.4	5.00	"	50.0		80.7	30-130				
Dimethyl phthalate	35.2	5.00	"	50.0		70.5	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 BA30148 - EPA 3510C											
LCS (BA30148-BS1)							Prepared & Analyzed: 01/07/2013				
4,6-Dinitro-2-methylphenol	41.1	10.0	ug/L	50.0		82.3	30-130				
2,4-Dinitrophenol	51.1	10.0	"	50.0		102	30-130				
2,6-Dinitrotoluene	35.8	5.00	"	50.0		71.6	30-140				
2,4-Dinitrotoluene	37.5	5.00	"	50.0		75.1	30-140				
Di-n-octyl phthalate	39.7	5.00	"	50.0		79.4	30-140				
Fluoranthene	36.0	5.00	"	50.0		72.0	30-140				
Fluorene	34.3	5.00	"	50.0		68.7	30-140				
Hexachlorobenzene	33.2	5.00	"	50.0		66.4	30-140				
Hexachlorobutadiene	39.3	5.00	"	50.0		78.6	30-140				
Hexachlorocyclopentadiene	32.9	5.00	"	50.0		65.8	30-140				
Hexachloroethane	37.6	5.00	"	50.0		75.2	30-140				
Indeno(1,2,3-cd)pyrene	26.7	5.00	"	50.0		53.5	30-140				
Isophorone	38.0	5.00	"	50.0		76.1	30-140				
2-Methylnaphthalene	38.5	5.00	"	50.0		76.9	30-140				
3- & 4-Methylphenols	35.9	5.00	"	50.0		71.8	30-130				
2-Methylphenol	36.3	5.00	"	50.0		72.6	30-130				
Naphthalene	36.9	5.00	"	50.0		73.8	30-140				
4-Nitroaniline	42.6	5.00	"	50.0		85.1	30-140				
3-Nitroaniline	33.3	5.00	"	50.0		66.6	30-140				
2-Nitroaniline	36.8	5.00	"	50.0		73.5	30-140				
Nitrobenzene	35.6	5.00	"	50.0		71.1	30-140				
2-Nitrophenol	38.0	5.00	"	50.0		76.1	30-130				
4-Nitrophenol	48.0	5.00	"	50.0		96.1	30-130				
N-nitroso-di-n-propylamine	36.4	5.00	"	50.0		72.7	30-140				
N-Nitrosodimethylamine	34.7	5.00	"	50.0		69.3	30-140				
N-Nitrosodiphenylamine	38.2	5.00	"	50.0		76.4	30-140				
Pentachlorophenol	50.2	5.00	"	50.0		100	30-130				
Phenanthrene	35.5	5.00	"	50.0		70.9	30-140				
Phenol	34.7	5.00	"	50.0		69.5	30-130				
Pyrene	36.8	5.00	"	50.0		73.6	30-140				
Pyridine	44.4	5.00	"	50.0		88.7	30-140				
1,2,4-Trichlorobenzene	38.3	5.00	"	50.0		76.6	30-140				
2,4,6-Trichlorophenol	39.4	5.00	"	50.0		78.9	30-130				
2,4,5-Trichlorophenol	35.0	5.00	"	50.0		70.0	30-130				
Surrogate: 2,4,6-Tribromophenol	*55.1*		*"*	*75.0*		*73.5*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*33.2*		*"*	*50.0*		*66.3*	*30-130*				
Surrogate: 2-Fluorophenol	*57.4*		*"*	*75.2*		*76.3*	*15-110*				
Surrogate: Nitrobenzene-d5	*36.9*		*"*	*50.1*		*73.6*	*30-130*				
Surrogate: Phenol-d5	*54.8*		*"*	*75.0*		*73.0*	*10-110*				
Surrogate: Terphenyl-d14	*36.5*		*"*	*50.0*		*73.0*	*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 BA30148 - EPA 3510C											
LCS Dup (BA30148-BSD1)								Prepared & Analyzed: 01/07/2013			
Acenaphthene	36.7	5.00	ug/L	50.0		73.4	30-140		5.69	20	
Acenaphthylene	34.7	5.00	"	50.0		69.4	30-140		6.02	20	
Aniline	21.2	5.00	"	50.0		42.4	30-140		16.2	20	
Anthracene	35.4	5.00	"	50.0		70.8	30-140		4.86	20	
Benzo(a)anthracene	39.2	5.00	"	50.0		78.4	30-140		4.67	20	
Benzo(a)pyrene	42.6	5.00	"	50.0		85.3	30-140		5.32	20	
Benzo(b)fluoranthene	45.6	5.00	"	50.0		91.2	30-140		7.63	20	
Benzyl alcohol	41.5	5.00	"	50.0		83.1	30-130		8.80	20	
Benzo(g,h,i)perylene	21.1	5.00	"	50.0		42.1	30-140		11.9	20	
Benzo(k)fluoranthene	37.4	5.00	"	50.0		74.8	30-140		3.26	20	
Benzyl butyl phthalate	36.4	5.00	"	50.0		72.9	30-140		1.41	20	
4-Bromophenyl phenyl ether	34.9	5.00	"	50.0		69.9	30-140		7.21	20	
4-Chloro-3-methylphenol	40.1	5.00	"	50.0		80.1	30-130		1.48	20	
4-Chloroaniline	27.6	5.00	"	50.0		55.2	30-140		0.836	20	
Bis(2-chloroethoxy)methane	36.9	5.00	"	50.0		73.8	30-140		8.21	20	
Bis(2-chloroethyl)ether	38.4	5.00	"	50.0		76.8	30-140		9.26	20	
Bis(2-chloroisopropyl)ether	33.7	5.00	"	50.0		67.4	30-140		4.39	20	
Bis(2-ethylhexyl)phthalate	37.7	5.00	"	50.0		75.3	30-140		0.741	20	
2-Chloronaphthalene	36.6	5.00	"	50.0		73.1	30-140		4.28	20	
2-Chlorophenol	41.4	5.00	"	50.0		82.8	30-130		7.76	20	
4-Chlorophenyl phenyl ether	36.8	5.00	"	50.0		73.6	30-140		7.29	20	
Chrysene	37.7	5.00	"	50.0		75.4	30-140		3.87	20	
Dibenzo(a,h)anthracene	26.9	5.00	"	50.0		53.7	30-140		4.45	20	
Dibenzofuran	36.4	5.00	"	50.0		72.7	30-140		5.22	20	
Di-n-butyl phthalate	35.3	5.00	"	50.0		70.5	30-140		2.96	20	
1,3-Dichlorobenzene	40.7	5.00	"	50.0		81.5	30-140		8.76	20	
1,2-Dichlorobenzene	39.7	5.00	"	50.0		79.5	30-140		6.04	20	
1,4-Dichlorobenzene	40.4	5.00	"	50.0		80.7	30-140		5.11	20	
3,3'-Dichlorobenzidine	33.4	5.00	"	50.0		66.7	30-140		5.58	20	
2,4-Dichlorophenol	43.3	5.00	"	50.0		86.6	30-130		3.31	20	
Diethyl phthalate	37.0	5.00	"	50.0		74.0	30-140		4.67	20	
2,4-Dimethylphenol	41.5	5.00	"	50.0		83.0	30-130		2.83	20	
Dimethyl phthalate	37.4	5.00	"	50.0		74.8	30-140		5.97	20	
4,6-Dinitro-2-methylphenol	44.4	10.0	"	50.0		88.7	30-130		7.51	20	
2,4-Dinitrophenol	56.7	10.0	"	50.0		113	30-130		10.5	20	
2,6-Dinitrotoluene	37.7	5.00	"	50.0		75.3	30-140		5.09	20	
2,4-Dinitrotoluene	39.2	5.00	"	50.0		78.3	30-140		4.22	20	
Di-n-octyl phthalate	40.0	5.00	"	50.0		80.0	30-140		0.678	20	
Fluoranthene	37.4	5.00	"	50.0		74.8	30-140		3.87	20	
Fluorene	37.0	5.00	"	50.0		74.0	30-140		7.43	20	
Hexachlorobenzene	36.0	5.00	"	50.0		72.0	30-140		8.04	20	
Hexachlorobutadiene	39.9	5.00	"	50.0		79.8	30-140		1.54	20	
Hexachlorocyclopentadiene	37.2	5.00	"	50.0		74.4	30-140		12.3	20	
Hexachloroethane	40.2	5.00	"	50.0		80.3	30-140		6.66	20	
Indeno(1,2,3-cd)pyrene	27.4	5.00	"	50.0		54.8	30-140		2.51	20	
Isophorone	39.8	5.00	"	50.0		79.7	30-140		4.65	20	
2-Methylnaphthalene	39.2	5.00	"	50.0		78.4	30-140		1.83	20	
3- & 4-Methylphenols	38.3	5.00	"	50.0		76.5	30-130		6.42	20	
2-Methylphenol	39.0	5.00	"	50.0		78.0	30-130		7.14	20	
Naphthalene	38.2	5.00	"	50.0		76.5	30-140		3.62	20	
4-Nitroaniline	45.2	5.00	"	50.0		90.3	30-140		5.91	20	
3-Nitroaniline	34.8	5.00	"	50.0		69.6	30-140		4.32	20	
2-Nitroaniline	39.7	5.00	"	50.0		79.4	30-140		7.69	20	
Nitrobenzene	37.3	5.00	"	50.0		74.5	30-140		4.72	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 BA30148 - EPA 3510C											
LCS Dup (BA30148-BSD1)								Prepared & Analyzed: 01/07/2013			
2-Nitrophenol	40.4	5.00	ug/L	50.0		80.8	30-130		6.09	20	
4-Nitrophenol	53.1	5.00	"	50.0		106	30-130		9.95	20	
N-nitroso-di-n-propylamine	38.5	5.00	"	50.0		77.1	30-140		5.80	20	
N-Nitrosodimethylamine	34.0	5.00	"	50.0		68.1	30-140		1.86	20	
N-Nitrosodiphenylamine	41.1	5.00	"	50.0		82.2	30-140		7.34	20	
Pentachlorophenol	53.1	5.00	"	50.0		106	30-130		5.71	20	
Phenanthrene	36.5	5.00	"	50.0		72.9	30-140		2.78	20	
Phenol	37.1	5.00	"	50.0		74.2	30-130		6.57	20	
Pyrene	36.9	5.00	"	50.0		73.9	30-140		0.380	20	
Pyridine	40.6	5.00	"	50.0		81.1	30-140		8.95	20	
1,2,4-Trichlorobenzene	39.0	5.00	"	50.0		78.1	30-140		1.89	20	
2,4,6-Trichlorophenol	41.6	5.00	"	50.0		83.2	30-130		5.35	20	
2,4,5-Trichlorophenol	36.6	5.00	"	50.0		73.3	30-130		4.58	20	
Surrogate: 2,4,6-Tribromophenol	*57.1*		*"*	*75.0*		*76.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*34.9*		*"*	*50.0*		*69.8*	*30-130*				
Surrogate: 2-Fluorophenol	*50.9*		*"*	*75.2*		*67.7*	*15-110*				
Surrogate: Nitrobenzene-d5	*38.5*		*"*	*50.1*		*76.9*	*30-130*				
Surrogate: Phenol-d5	*57.9*		*"*	*75.0*		*77.3*	*10-110*				
Surrogate: Terphenyl-d14	*37.0*		*"*	*50.0*		*74.0*	*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 BA30201 - EPA SW846-3510C Low Level											
Blank (BA30201-BLK1)									Prepared: 01/08/2013 Analyzed: 01/09/2013		
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	*0.264*		*"*	*0.200*		*132*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.280*		*"*	*0.201*		*139*	*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 BA30201 - EPA SW846-3510C Low Level											
LCS (BA30201-BS1)								Prepared: 01/08/2013 Analyzed: 01/09/2013			
Methoxychlor	0.0670	0.00500	ug/L	0.100		67.0	40-140				
Heptachlor epoxide	0.0719	0.00100	"	0.100		71.9	40-140				
Heptachlor	0.0685	0.00100	"	0.100		68.5	40-140				
gamma-BHC (Lindane)	0.0737	0.00100	"	0.100		73.7	40-140				
Endrin ketone	0.0833	0.00100	"	0.100		83.3	40-140				
Endrin aldehyde	0.0899	0.00100	"	0.100		89.9	40-140				
Endrin	0.0711	0.00100	"	0.100		71.1	40-140				
Endosulfan sulfate	0.0866	0.00100	"	0.100		86.6	40-140				
Endosulfan II	0.0874	0.00100	"	0.100		87.4	40-140				
Endosulfan I	0.0890	0.00100	"	0.100		89.0	40-140				
Dieldrin	0.0791	0.00100	"	0.100		79.1	40-140				
delta-BHC	0.0821	0.00100	"	0.100		82.1	40-140				
beta-BHC	0.0761	0.00100	"	0.100		76.1	40-140				
alpha-BHC	0.0774	0.00100	"	0.100		77.4	40-140				
Aldrin	0.0764	0.00100	"	0.100		76.4	40-140				
4,4'-DDT	0.0677	0.00100	"	0.100		67.7	40-140				
4,4'-DDE	0.0639	0.00100	"	0.100		63.9	40-140				
4,4'-DDD	0.0736	0.00100	"	0.100		73.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.249*		*"*	*0.200*		*125*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.236*		*"*	*0.201*		*117*	*30-150*				
LCS (BA30201-BS2)								Prepared: 01/08/2013 Analyzed: 01/09/2013			
Aroclor 1260	0.879	0.0500	ug/L	1.00		87.9	40-140				
Aroclor 1016	0.933	0.0500	"	1.00		93.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.285*		*"*	*0.200*		*142*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.246*		*"*	*0.201*		*122*	*30-150*				
LCS Dup (BA30201-BSD1)								Prepared: 01/08/2013 Analyzed: 01/09/2013			
Methoxychlor	0.0602	0.00500	ug/L	0.100		60.2	40-140		10.7	200	
Heptachlor epoxide	0.0772	0.00100	"	0.100		77.2	40-140		7.17	200	
Heptachlor	0.0748	0.00100	"	0.100		74.8	40-140		8.68	200	
gamma-BHC (Lindane)	0.0794	0.00100	"	0.100		79.4	40-140		7.42	200	
Endrin ketone	0.0835	0.00100	"	0.100		83.5	40-140		0.244	200	
Endrin aldehyde	0.0829	0.00100	"	0.100		82.9	40-140		8.12	200	
Endrin	0.0774	0.00100	"	0.100		77.4	40-140		8.55	200	
Endosulfan sulfate	0.0847	0.00100	"	0.100		84.7	40-140		2.22	200	
Endosulfan II	0.0938	0.00100	"	0.100		93.8	40-140		7.02	200	
Endosulfan I	0.0957	0.00100	"	0.100		95.7	40-140		7.25	200	
Dieldrin	0.0853	0.00100	"	0.100		85.3	40-140		7.56	200	
delta-BHC	0.0887	0.00100	"	0.100		88.7	40-140		7.64	200	
beta-BHC	0.0824	0.00100	"	0.100		82.4	40-140		7.98	200	
alpha-BHC	0.0836	0.00100	"	0.100		83.6	40-140		7.80	200	
Aldrin	0.0823	0.00100	"	0.100		82.3	40-140		7.44	200	
4,4'-DDT	0.0742	0.00100	"	0.100		74.2	40-140		9.17	200	
4,4'-DDE	0.0691	0.00100	"	0.100		69.1	40-140		7.80	200	
4,4'-DDD	0.0806	0.00100	"	0.100		80.6	40-140		9.11	200	
Surrogate: Tetrachloro-m-xylene	*0.260*		*"*	*0.200*		*130*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.229*		*"*	*0.201*		*114*	*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 BA30201 - EPA SW846-3510C Low Level											
LCS Dup (BA30201-BSD2)									Prepared: 01/08/2013 Analyzed: 01/09/2013		
Aroclor 1260	0.906	0.0500	ug/L	1.00		90.6	40-140		3.00	200	
Aroclor 1016	0.932	0.0500	"	1.00		93.2	40-140		0.0858	200	
Surrogate: Tetrachloro-m-xylene	*0.261*		*"*	*0.200*		*130*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.256*		*"*	*0.201*		*127*	*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 BA30173 - EPA 3010A											
Blank (BA30173-BLK1)								Prepared & Analyzed: 01/07/2013			
Aluminum	ND	0.010	mg/L								
Aluminum - Dissolved	ND	0.010	"								
Antimony - Dissolved	ND	0.005	"								
Antimony	ND	0.005	"								
Arsenic	ND	0.010	"								
Arsenic - Dissolved	ND	0.010	"								
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	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Copper	ND	0.005	"								
Copper - Dissolved	ND	0.005	"								
Iron	ND	0.020	"								
Iron - Dissolved	ND	0.020	"								
Lead	ND	0.003	"								
Lead - Dissolved	ND	0.003	"								
Magnesium	ND	0.050	"								
Magnesium - Dissolved	ND	0.050	"								
Manganese	ND	0.005	"								
Manganese - Dissolved	ND	0.005	"								
Nickel	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Potassium	ND	0.050	"								
Potassium - Dissolved	ND	0.050	"								
Selenium	ND	0.010	"								
Selenium - Dissolved	ND	0.010	"								
Silver	ND	0.005	"								
Silver - Dissolved	ND	0.005	"								
Sodium	ND	0.100	"								
Sodium - Dissolved	ND	0.100	"								
Thallium	ND	0.010	"								
Thallium - Dissolved	ND	0.010	"								
Vanadium	ND	0.010	"								
Vanadium - Dissolved	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 BA30173 - EPA 3010A											
Reference (BA30173-SRM1)							Prepared & Analyzed: 01/07/2013				
Aluminum	0.281	0.010	mg/L	0.292		96.2	72.6-129				
Aluminum - Dissolved	0.281	0.010	"	0.292		96.2	72.6-129				
Antimony	0.641	0.005	"	0.686		93.5	70.6-120				
Antimony - Dissolved	0.641	0.005	"	0.686		93.5	70.6-120				
Arsenic	0.166	0.010	"	0.182		91.3	81.9-118				
Arsenic - Dissolved	0.166	0.010	"	0.182		91.3	81.9-118				
Barium	2.12	0.010	"	2.08		102	87-113				
Barium - Dissolved	2.12	0.010	"	2.08		102	87-113				
Beryllium	0.162	0.001	"	0.169		96.1	84.6-113				
Beryllium - Dissolved	0.162	0.001	"	0.169		96.1	84.6-113				
Cadmium	0.369	0.003	"	0.393		93.8	85.2-114				
Cadmium - Dissolved	0.369	0.003	"	0.393		93.8	85.2-114				
Chromium	0.577	0.005	"	0.611		94.5	87.1-113				
Chromium - Dissolved	0.577	0.005	"	0.611		94.5	87.1-113				
Cobalt	0.298	0.005	"	0.290		103	87.6-112				
Cobalt - Dissolved	0.298	0.005	"	0.290		103	87.6-112				
Copper	0.548	0.005	"	0.569		96.2	90-110				
Copper - Dissolved	0.548	0.005	"	0.569		96.2	90-110				
Iron	0.459	0.020	"	0.462		99.4	87.9-114				
Iron - Dissolved	0.459	0.020	"	0.462		99.4	87.9-114				
Lead - Dissolved	0.262	0.003	"	0.259		101	85.7-114				
Lead	0.262	0.003	"	0.259		101	85.7-114				
Manganese - Dissolved	1.33	0.005	"	1.28		104	89.8-111				
Manganese	1.33	0.005	"	1.28		104	89.8-111				
Nickel - Dissolved	0.301	0.005	"	0.279		108	88.5-113				
Nickel	0.301	0.005	"	0.279		108	88.5-113				
Selenium - Dissolved	0.953	0.010	"	1.05		90.7	79.5-116				
Selenium	0.953	0.010	"	1.05		90.7	79.5-116				
Silver - Dissolved	0.306	0.005	"	0.333		92.0	85.9-115				
Silver	0.306	0.005	"	0.333		92.0	85.9-115				
Thallium	0.503	0.010	"	0.487		103	80.1-120				
Thallium - Dissolved	0.503	0.010	"	0.487		103	80.1-120				
Vanadium - Dissolved	0.416	0.010	"	0.455		91.4	87.5-112				
Vanadium	0.416	0.010	"	0.455		91.4	87.5-112				
Zinc - Dissolved	0.177	0.020	"	0.191		92.8	84.8-118				
Zinc	0.177	0.020	"	0.191		92.8	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 BA30173 - EPA 3010A											
Reference (BA30173-SRM2)							Prepared & Analyzed: 01/07/2013				
Calcium	26.0	0.050	mg/L	25.3		103	86.2-114				
Calcium - Dissolved	26.0	0.050	"	25.3		103	86.2-114				
Magnesium	13.3	0.050	"	13.5		98.2	85.9-114				
Magnesium - Dissolved	13.3	0.050	"	13.5		98.2	85.9-114				
Potassium	18.2	0.050	"	19.1		95.1	84.8-115				
Potassium - Dissolved	18.2	0.050	"	19.1		95.1	84.8-115				
Sodium	52.2	0.100	"	53.2		98.2	85-115				
Sodium - Dissolved	52.2	0.100	"	53.2		98.2	85-115				

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 BA30159 - EPA SW846-7470											
Blank (BA30159-BLK1)								Prepared & Analyzed: 01/08/2013			
Mercury	ND	0.0002	mg/L								
LCS (BA30159-BS1)								Prepared & Analyzed: 01/08/2013			
Mercury	0.002996	0.0002	mg/L	0.00300		99.9	80-120				
LCS (BA30159-BS2)								Prepared & Analyzed: 01/08/2013			
Mercury	0.003009	0.0002	mg/L	0.00300		100	80-120				
Batch BA30160 - EPA SW846-7470											
Blank (BA30160-BLK1)								Prepared & Analyzed: 01/08/2013			
Mercury - Dissolved	ND	0.0002000	mg/L								
LCS (BA30160-BS1)								Prepared & Analyzed: 01/08/2013			
Mercury - Dissolved	0.002996	0.0002000	mg/L	0.00300		99.9	80-120				
LCS (BA30160-BS2)								Prepared & Analyzed: 01/08/2013			
Mercury - Dissolved	0.002989	0.0002000	mg/L	0.00300		99.6	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 BA30149 - Analysis Preparation											
Blank (BA30149-BLK1)								Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA30149-BS1)								Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent	0.481	0.0100	mg/L	0.500		96.2	80-120				
Duplicate (BA30149-DUP1)	*Source sample: 13A0107-03 (MW-3)							Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA30149-MS1)	*Source sample: 13A0107-03 (MW-3)							Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent	0.474	0.0100	mg/L	0.500	ND	94.8	75-125				
Batch BA30150 - Analysis Preparation											
Blank (BA30150-BLK1)								Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent - Dissolved	ND	0.0100	mg/L								
LCS (BA30150-BS1)								Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent - Dissolved	0.481	0.0100	mg/L	0.500		96.2	80-120				
Duplicate (BA30150-DUP1)	*Source sample: 13A0107-03 (MW-3)							Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent - Dissolved	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA30150-MS1)	*Source sample: 13A0107-03 (MW-3)							Prepared & Analyzed: 01/04/2013			
Chromium, Hexavalent - Dissolved	0.474	0.0100	mg/L	0.500	ND	94.8	75-125				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0107-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0107-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0107-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0107-04	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0107-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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

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-EM The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

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. 13A0107

YOUR Information		Report to:		Invoice To:		Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	Hydro Tech Env. Corp.	SAME	x	SAME		#120266 79 Clay StTreet Brooklyn 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	5128	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 TOGS 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)

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	1/3/2013	GW	EPA 8260/8270BNA/8081/8082/TAL Metals Disso & Total (incl. *Chromium Sp.*)	2 vials-2-L ambers- 2-250 ml plastic
MW-2	x	x	x	x
MW-3	x	x	x	x
Field Blank	x	DI water	x	x
Trip Blank	x	x	EPA 8260	2 vials

Comments:

E Designation parameters including Chromium Sp.

x = Same as before

Diss metal - Lab filtered

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 1/4/13 10am Date/Time

Samples Relinquished By Date/Time

Samples Received By 1-4-13 10:15 Date/Time

Samples Received in LAB by Date/Time 1-4-13 1620

Temperature on Receipt 4.0 °C

ATTACHMENT B
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1

Location: Performed in the northern portion of the building.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: UVD1301	Address: 79 Clay Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 9/6/2013	Date Completed: 9/6/2013			None
Completion Depth: 10 feet	Geologist D. Mosca			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	37		0.0	5" - Top soil and vegetation. 10" - Tan silty sand with gravel, brick, etc. No odor. 22" - Firm brown silty sand. **Retained soil sample B1(2-4)*
	to 10	40		0.0	40" - Dry brown silty sand with assorted gravel. **Retained soil sample B1(4-6)*

ATTACHMENT C
GROUNDWATER SAMPLING LOGS

ATTACHMENT D
SOIL GAS SAMPLING LOGS

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☒ Email: Csosnick@ebcinc.com
- ☐ Phone #:

Report to:

Customer: EBC

Address: 1808 Middle Country Road
Ridge, NY 11961

Invoice to: EBC

Sampled by: KW

Project Name: 79 Clay St Bkly NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
42383	S9-1	12860	6.0	30	-4	5041	42	1040	1215	9-18	-30	-5		X			X
42384	S9-2	11287	↓	↓	-6	~~3413~~*	↓	1035	1230	9-18	-30	-7		X			X
42385	S9-3	11290	↓	↓	-4	~~4987~~ 3413	↓	1030	1150	9-18	-30	-7		X			X
	6L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-19-13	13:20
[signature]	[signature]	9-19-13	16:48

Data Format: Excel ☒ Equis ☐ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

* Rcvd regulator # 5350 (LK)

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

ATTACHMENT E
LABORATORY REPORTS IN DIGITAL FORMAT

PHOENIX
Environmental Laboratories, Inc.

Friday, September 13, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 79 CLAY ST BROOKLYN
Sample ID#s: BF36026 - BF36027

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/06/13	0:00
Location Code:	EBC	Received by:	SW	09/09/13	15:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF36026
Phoenix ID: BF36026

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (2-4)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.42	0.42	mg/Kg	09/10/13	LK	SW6010	
Aluminum	13600	64	mg/Kg	09/10/13	EK	SW6010	
Arsenic	3.5	0.8	mg/Kg	09/10/13	LK	SW6010	
Barium	112	0.42	mg/Kg	09/10/13	LK	SW6010	
Beryllium	0.69	0.34	mg/Kg	09/10/13	LK	SW6010	
Calcium	3340	6.4	mg/Kg	09/10/13	LK	SW6010	
Cadmium	0.82	0.42	mg/Kg	09/10/13	LK	SW6010	
Cobalt	9.77	0.42	mg/Kg	09/10/13	LK	SW6010	
Chromium	33.7	0.42	mg/Kg	09/10/13	LK	SW6010	
Copper	30.0	0.42	mg/kg	09/10/13	LK	SW6010	
Iron	28800	64	mg/Kg	09/10/13	EK	SW6010	
Mercury	< 0.08	0.08	mg/Kg	09/10/13	RS	SW-7471	
Potassium	3620	6.4	mg/Kg	09/10/13	LK	SW6010	B
Magnesium	6450	64	mg/Kg	09/10/13	LK	SW6010	
Manganese	388	4.2	mg/Kg	09/10/13	LK	SW6010	
Sodium	238	6.4	mg/Kg	09/10/13	LK	SW6010	
Nickel	26.3	0.42	mg/Kg	09/10/13	LK	SW6010	
Lead	32.5	0.42	mg/Kg	09/10/13	LK	SW6010	
Antimony	< 4.2	4.2	mg/Kg	09/10/13	LK	SW6010	
Selenium	< 1.7	1.7	mg/Kg	09/10/13	LK	SW6010	
Thallium	< 0.7	0.7	mg/Kg	09/10/13	LK	SW6010	
Vanadium	39.7	0.42	mg/Kg	09/10/13	LK	SW6010	
Zinc	96.4	0.42	mg/Kg	09/10/13	LK	SW6010	
Percent Solid	83		%	09/09/13	W	E160.3	
Soil Extraction for PCB	Completed			09/09/13	BB	SW3545	
Soil Extraction for Pesticide	Completed			09/09/13	BB/V	SW3545	
Soil Extraction for SVOA	Completed			09/09/13	JJ/FV	SW3545	
Mercury Digestion	Completed			09/10/13	I/I	SW7471	

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (2-4)

Phoenix I.D.: BF36026

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			09/09/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/06/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1221	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1232	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1242	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1248	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1254	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1260	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1262	ND	80	ug/Kg	09/10/13	AW	SW 8082	
PCB-1268	ND	80	ug/Kg	09/10/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	92		%	09/10/13	AW	30 - 150 %	
% TCMX	70		%	09/10/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.4	ug/Kg	09/12/13	KCA	SW8081	
4,4' -DDE	2.8	2.4	ug/Kg	09/12/13	KCA	SW8081	
4,4' -DDT	2.9	2.4	ug/Kg	09/12/13	KCA	SW8081	
a-BHC	ND	3.8	ug/Kg	09/12/13	KCA	SW8081	
Alachlor	ND	3.8	ug/Kg	09/12/13	KCA	SW8081	1
Aldrin	ND	1.2	ug/Kg	09/12/13	KCA	SW8081	
b-BHC	ND	3.8	ug/Kg	09/12/13	KCA	SW8081	
Chlordane	ND	12	ug/Kg	09/12/13	KCA	SW8081	
d-BHC	ND	3.8	ug/Kg	09/12/13	KCA	SW8081	
Dieldrin	ND	1.2	ug/Kg	09/12/13	KCA	SW8081	
Endosulfan I	ND	3.8	ug/Kg	09/12/13	KCA	SW8081	
Endosulfan II	ND	7.7	ug/Kg	09/12/13	KCA	SW8081	
Endosulfan sulfate	ND	7.7	ug/Kg	09/12/13	KCA	SW8081	
Endrin	ND	7.7	ug/Kg	09/12/13	KCA	SW8081	
Endrin aldehyde	ND	7.7	ug/Kg	09/12/13	KCA	SW8081	
Endrin ketone	ND	7.7	ug/Kg	09/12/13	KCA	SW8081	
g-BHC	ND	1.2	ug/Kg	09/12/13	KCA	SW8081	
Heptachlor	ND	2.4	ug/Kg	09/12/13	KCA	SW8081	
Heptachlor epoxide	ND	3.8	ug/Kg	09/12/13	KCA	SW8081	
Methoxychlor	ND	38	ug/Kg	09/12/13	KCA	SW8081	
Toxaphene	ND	38	ug/Kg	09/12/13	KCA	SW8081	
QA/QC Surrogates							
% DCBP	81		%	09/12/13	KCA	30 - 150 %	
% TCMX	62		%	09/12/13	KCA	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,1,1-Trichloroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	09/12/13	R/B	SW8260	
1,1,2-Trichloroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,1-Dichloroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,1-Dichloroethene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (2-4)

Phoenix I.D.: BF36026

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2,3-Trichlorobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2,3-Trichloropropane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2,4-Trichlorobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2,4-Trimethylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dibromo-3-chloropropane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dibromoethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dichlorobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dichloroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dichloropropane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,3,5-Trimethylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,3-Dichlorobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,3-Dichloropropane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
1,4-Dichlorobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
2,2-Dichloropropane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
2-Chlorotoluene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
2-Hexanone	ND	49	ug/Kg	09/12/13	R/B	SW8260	
2-Isopropyltoluene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	1
4-Chlorotoluene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
4-Methyl-2-pentanone	ND	49	ug/Kg	09/12/13	R/B	SW8260	
Acetone	ND	50	ug/Kg	09/12/13	R/B	SW8260	
Acrylonitrile	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Benzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Bromobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Bromochloromethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Bromodichloromethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Bromoform	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Bromomethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Carbon Disulfide	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Carbon tetrachloride	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Chlorobenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Chloroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Chloroform	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Chloromethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
cis-1,2-Dichloroethene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
cis-1,3-Dichloropropene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Dibromochloromethane	ND	5.9	ug/Kg	09/12/13	R/B	SW8260	
Dibromomethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Dichlorodifluoromethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Ethylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Hexachlorobutadiene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Isopropylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
m&p-Xylene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Methyl Ethyl Ketone	ND	59	ug/Kg	09/12/13	R/B	SW8260	
Methyl t-butyl ether (MTBE)	ND	20	ug/Kg	09/12/13	R/B	SW8260	
Methylene chloride	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Naphthalene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
n-Butylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
n-Propylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
o-Xylene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
sec-Butylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Styrene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
tert-Butylbenzene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Tetrachloroethene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Tetrahydrofuran (THF)	ND	20	ug/Kg	09/12/13	R/B	SW8260	1
Toluene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Total Xylenes	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
trans-1,2-Dichloroethene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
trans-1,3-Dichloropropene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
trans-1,4-dichloro-2-butene	ND	20	ug/Kg	09/12/13	R/B	SW8260	
Trichloroethene	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Trichlorofluoromethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Trichlorotrifluoroethane	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
Vinyl chloride	ND	9.8	ug/Kg	09/12/13	R/B	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	09/12/13	R/B	70 - 130 %	
% Bromofluorobenzene	92		%	09/12/13	R/B	70 - 130 %	
% Dibromofluoromethane	103		%	09/12/13	R/B	70 - 130 %	
% Toluene-d8	99		%	09/12/13	R/B	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	390	ug/Kg	09/10/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
2,4-Dinitrophenol	ND	630	ug/Kg	09/10/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	09/10/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	09/10/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	09/10/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	09/10/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	09/10/13	DD	SW 8270
2-Nitroaniline	ND	630	ug/Kg	09/10/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	09/10/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	09/10/13	DD	SW 8270
3-Nitroaniline	ND	630	ug/Kg	09/10/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/10/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	09/10/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	09/10/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	09/10/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	09/10/13	DD	SW 8270
4-Nitroaniline	ND	630	ug/Kg	09/10/13	DD	SW 8270

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (2-4)

Phoenix I.D.: BF36026

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	09/10/13	DD	SW 8270	
Acenaphthene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	09/10/13	DD	SW 8270	
Anthracene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Benzidine	ND	470	ug/Kg	09/10/13	DD	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	09/10/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	09/10/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	09/10/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Carbazole	ND	590	ug/Kg	09/10/13	DD	SW 8270	
Chrysene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Fluoranthene	330	270	ug/Kg	09/10/13	DD	SW 8270	
Fluorene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Isophorone	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	09/10/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	09/10/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	09/10/13	DD	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	09/10/13	DD	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	09/10/13	DD	SW 8270	
Phenanthrene	380	270	ug/Kg	09/10/13	DD	SW 8270	
Phenol	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Pyrene	ND	270	ug/Kg	09/10/13	DD	SW 8270	
Pyridine	ND	390	ug/Kg	09/10/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	09/10/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	90		%	09/10/13	DD	30 - 130 %	
% 2-Fluorophenol	72		%	09/10/13	DD	30 - 130 %	
% Nitrobenzene-d5	81		%	09/10/13	DD	30 - 130 %	

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (2-4)

Phoenix I.D.: BF36026

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	80		%	09/10/13	DD	30 - 130 %
% Terphenyl-d14	103		%	09/10/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
September 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/06/13	0:00
Location Code:	EBC	Received by:	SW	09/09/13	15:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF36026
Phoenix ID: BF36027

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (4-6)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.36	0.36	mg/Kg	09/10/13	LK	SW6010	
Aluminum	9350	54	mg/Kg	09/10/13	EK	SW6010	
Arsenic	2.9	0.7	mg/Kg	09/10/13	LK	SW6010	
Barium	76.2	0.36	mg/Kg	09/10/13	LK	SW6010	
Beryllium	0.53	0.29	mg/Kg	09/10/13	LK	SW6010	
Calcium	3750	5.4	mg/Kg	09/10/13	LK	SW6010	
Cadmium	0.91	0.36	mg/Kg	09/10/13	LK	SW6010	
Cobalt	8.59	0.36	mg/Kg	09/10/13	LK	SW6010	
Chromium	28.9	0.36	mg/Kg	09/10/13	LK	SW6010	
Copper	25.3	0.36	mg/kg	09/10/13	LK	SW6010	
Iron	33000	54	mg/Kg	09/10/13	EK	SW6010	
Mercury	< 0.07	0.07	mg/Kg	09/12/13	LK	SW-7471	
Potassium	2280	5.4	mg/Kg	09/10/13	LK	SW6010	B
Magnesium	4110	5.4	mg/Kg	09/10/13	LK	SW6010	
Manganese	403	3.6	mg/Kg	09/10/13	LK	SW6010	
Sodium	168	5.4	mg/Kg	09/10/13	LK	SW6010	
Nickel	18.2	0.36	mg/Kg	09/10/13	LK	SW6010	
Lead	22.2	0.36	mg/Kg	09/10/13	LK	SW6010	
Antimony	< 3.6	3.6	mg/Kg	09/10/13	LK	SW6010	
Selenium	< 1.4	1.4	mg/Kg	09/10/13	LK	SW6010	
Thallium	< 0.6	0.6	mg/Kg	09/10/13	LK	SW6010	
Vanadium	48.2	0.36	mg/Kg	09/10/13	LK	SW6010	
Zinc	61.5	0.36	mg/Kg	09/10/13	LK	SW6010	
Percent Solid	91		%	09/09/13	W	E160.3	
Soil Extraction for PCB	Completed			09/09/13	BB	SW3545	
Soil Extraction for Pesticide	Completed			09/09/13	BB/V	SW3545	
Soil Extraction for SVOA	Completed			09/09/13	JJ/FV	SW3545	
Mercury Digestion	Completed			09/11/13	I/I	SW7471	

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (4-6)

Phoenix I.D.: BF36027

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			09/09/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			09/06/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1221	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1232	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1242	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1248	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1254	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1260	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1262	ND	71	ug/Kg	09/10/13	AW	SW 8082	
PCB-1268	ND	71	ug/Kg	09/10/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	94		%	09/10/13	AW	30 - 150 %	
% TCMX	77		%	09/10/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.1	ug/Kg	09/12/13	KCA	SW8081	
4,4' -DDE	4.7	2.1	ug/Kg	09/12/13	KCA	SW8081	
4,4' -DDT	15	2.1	ug/Kg	09/12/13	KCA	SW8081	
a-BHC	ND	3.4	ug/Kg	09/12/13	KCA	SW8081	
Alachlor	ND	3.4	ug/Kg	09/12/13	KCA	SW8081	1
Aldrin	ND	1.1	ug/Kg	09/12/13	KCA	SW8081	
b-BHC	ND	3.4	ug/Kg	09/12/13	KCA	SW8081	
Chlordane	ND	11	ug/Kg	09/12/13	KCA	SW8081	
d-BHC	ND	3.4	ug/Kg	09/12/13	KCA	SW8081	
Dieldrin	ND	1.1	ug/Kg	09/12/13	KCA	SW8081	
Endosulfan I	ND	3.4	ug/Kg	09/12/13	KCA	SW8081	
Endosulfan II	ND	6.8	ug/Kg	09/12/13	KCA	SW8081	
Endosulfan sulfate	ND	6.8	ug/Kg	09/12/13	KCA	SW8081	
Endrin	ND	6.8	ug/Kg	09/12/13	KCA	SW8081	
Endrin aldehyde	ND	6.8	ug/Kg	09/12/13	KCA	SW8081	
Endrin ketone	ND	6.8	ug/Kg	09/12/13	KCA	SW8081	
g-BHC	ND	1.1	ug/Kg	09/12/13	KCA	SW8081	
Heptachlor	ND	2.1	ug/Kg	09/12/13	KCA	SW8081	
Heptachlor epoxide	ND	3.4	ug/Kg	09/12/13	KCA	SW8081	
Methoxychlor	ND	34	ug/Kg	09/12/13	KCA	SW8081	
Toxaphene	ND	34	ug/Kg	09/12/13	KCA	SW8081	
QA/QC Surrogates							
% DCBP	80		%	09/12/13	KCA	30 - 150 %	
% TCMX	63		%	09/12/13	KCA	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,1,1-Trichloroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.2	ug/Kg	09/12/13	R/B	SW8260	
1,1,2-Trichloroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,1-Dichloroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,1-Dichloroethene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (4-6)

Phoenix I.D.: BF36027

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2,3-Trichlorobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2,3-Trichloropropane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2,4-Trichlorobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2,4-Trimethylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dibromoethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dichlorobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dichloroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,2-Dichloropropane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,3,5-Trimethylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,3-Dichlorobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,3-Dichloropropane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
1,4-Dichlorobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
2,2-Dichloropropane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
2-Chlorotoluene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
2-Hexanone	ND	35	ug/Kg	09/12/13	R/B	SW8260	
2-Isopropyltoluene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	1
4-Chlorotoluene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
4-Methyl-2-pentanone	ND	35	ug/Kg	09/12/13	R/B	SW8260	
Acetone	ND	42	ug/Kg	09/12/13	R/B	SW8260	
Acrylonitrile	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Benzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Bromobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Bromochloromethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Bromodichloromethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Bromoform	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Bromomethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Carbon Disulfide	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Carbon tetrachloride	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Chlorobenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Chloroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Chloroform	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Chloromethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
cis-1,2-Dichloroethene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
cis-1,3-Dichloropropene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Dibromochloromethane	ND	4.2	ug/Kg	09/12/13	R/B	SW8260	
Dibromomethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Dichlorodifluoromethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Ethylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Hexachlorobutadiene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Isopropylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
m&p-Xylene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Methyl Ethyl Ketone	ND	42	ug/Kg	09/12/13	R/B	SW8260	
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	09/12/13	R/B	SW8260	
Methylene chloride	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Naphthalene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
n-Butylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
n-Propylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
o-Xylene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
sec-Butylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Styrene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
tert-Butylbenzene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Tetrachloroethene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Tetrahydrofuran (THF)	ND	14	ug/Kg	09/12/13	R/B	SW8260	1
Toluene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Total Xylenes	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
trans-1,2-Dichloroethene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
trans-1,3-Dichloropropene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	09/12/13	R/B	SW8260	
Trichloroethene	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Trichlorofluoromethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Trichlorotrifluoroethane	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
Vinyl chloride	ND	6.9	ug/Kg	09/12/13	R/B	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	09/12/13	R/B	70 - 130 %	
% Bromofluorobenzene	90		%	09/12/13	R/B	70 - 130 %	
% Dibromofluoromethane	104		%	09/12/13	R/B	70 - 130 %	
% Toluene-d8	99		%	09/12/13	R/B	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	370	ug/Kg	09/10/13	DD	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
2,4-Dinitrophenol	ND	580	ug/Kg	09/10/13	DD	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	09/10/13	DD	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	09/10/13	DD	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	09/10/13	DD	SW 8270
2-Chlorophenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	09/10/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	09/10/13	DD	SW 8270
2-Nitroaniline	ND	580	ug/Kg	09/10/13	DD	SW 8270
2-Nitrophenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	09/10/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	09/10/13	DD	SW 8270
3-Nitroaniline	ND	580	ug/Kg	09/10/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	09/10/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	09/10/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	09/10/13	DD	SW 8270
4-Chloroaniline	ND	260	ug/Kg	09/10/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	09/10/13	DD	SW 8270
4-Nitroaniline	ND	580	ug/Kg	09/10/13	DD	SW 8270

Project ID: 79 CLAY ST BROOKLYN
Client ID: SP4 (4-6)

Phoenix I.D.: BF36027

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	09/10/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	09/10/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Benz(a)anthracene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Benzidine	ND	440	ug/Kg	09/10/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	09/10/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	09/10/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	09/10/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Carbazole	ND	550	ug/Kg	09/10/13	DD	SW 8270	
Chrysene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Fluoranthene	280	260	ug/Kg	09/10/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	09/10/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	09/10/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	370	ug/Kg	09/10/13	DD	SW 8270	
Pentachloronitrobenzene	ND	370	ug/Kg	09/10/13	DD	SW 8270	
Pentachlorophenol	ND	370	ug/Kg	09/10/13	DD	SW 8270	
Phenanthrene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Phenol	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Pyrene	ND	260	ug/Kg	09/10/13	DD	SW 8270	
Pyridine	ND	370	ug/Kg	09/10/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	09/10/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	97		%	09/10/13	DD	30 - 130 %	
% 2-Fluorophenol	79		%	09/10/13	DD	30 - 130 %	
% Nitrobenzene-d5	83		%	09/10/13	DD	30 - 130 %	

Project ID: 79 CLAY ST BROOKLYN

Client ID: SP4 (4-6)

Phoenix I.D.: BF36027

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	85		%	09/10/13	DD	30 - 130 %
% Terphenyl-d14	110		%	09/10/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

September 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 13, 2013

QA/QC Data

SDG I.D.: GBF36026

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 251248, QC Sample No: BF35698 (BF36027)													
Mercury - Soil	BRL	<0.08	<0.11	NC	88.1	100	12.7	78.4	92.9	16.9	70 - 130	30	
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 250808, QC Sample No: BF35941 (BF36026, BF36027)													
ICP Metals - Soil													
Aluminum	BRL	9140	8870	3.00	124	122	1.6	NC	NC	NC	75 - 125	30	
Antimony	BRL	<4.0	<3.4	NC	104	103	1.0	86.4	85.9	0.6	75 - 125	30	
Arsenic	BRL	3.5	2.50	NC	101	102	1.0	91.8	93.4	1.7	75 - 125	30	
Barium	BRL	53.7	50.0	7.10	112	116	3.5	106	112	5.5	75 - 125	30	
Beryllium	BRL	0.46	0.43	NC	107	107	0.0	97.4	97.8	0.4	75 - 125	30	
Cadmium	BRL	0.49	0.44	NC	104	105	1.0	94.5	94.7	0.2	75 - 125	30	
Calcium	BRL	1590	1370	14.9	113	109	3.6	NC	NC	NC	75 - 125	30	
Chromium	BRL	13.8	13.2	4.40	108	108	0.0	96.6	98.4	1.8	75 - 125	30	
Cobalt	BRL	5.17	4.90	5.40	104	104	0.0	94.9	95.7	0.8	75 - 125	30	
Copper	BRL	17.2	15.1	13.0	105	105	0.0	97.0	100	3.0	75 - 125	30	
Iron	BRL	15900	14700	7.80	119	121	1.7	NC	NC	NC	75 - 125	30	
Lead	BRL	16.1	16.0	0.60	102	104	1.9	90.8	92.2	1.5	75 - 125	30	
Magnesium	BRL	3050	2830	7.50	119	116	2.6	NC	NC	NC	75 - 125	30	
Manganese	BRL	435	412	5.40	108	115	6.3	94.5	120	23.8	75 - 125	30	
Nickel	BRL	11.1	10.6	4.60	104	105	1.0	93.3	94.4	1.2	75 - 125	30	
Potassium	5.7	1130	1130	0	110	107	2.8	>130	>130	NC	75 - 125	30	m
Selenium	BRL	2.7	<1.4	NC	89.3	90.0	0.8	79.3	81.8	3.1	75 - 125	30	
Silver	BRL	<0.40	<0.34	NC	96.7	95.8	0.9	89.2	90.1	1.0	75 - 125	30	
Sodium	BRL	113	114	0.90	109	108	0.9	>130	>130	NC	75 - 125	30	m
Thallium	BRL	<3.6	<3.1	NC	104	105	1.0	92.1	92.9	0.9	75 - 125	30	
Vanadium	BRL	23.4	22.3	4.80	110	109	0.9	95.9	97.6	1.8	75 - 125	30	
Zinc	BRL	93.6	84.6	10.1	99.7	99.8	0.1	80.6	89.2	10.1	75 - 125	30	
QA/QC Batch 250929, QC Sample No: BF35964 (BF36026)													
Mercury - Soil	BRL	<0.08	<0.09	NC	96.7	97.4	0.7	112	94.1	17.4	70 - 130	30	
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													

m = This parameter is outside laboratory ms/msd specified recovery limits.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 13, 2013

QA/QC Data

SDG I.D.: GBF36026

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 250770, QC Sample No: BF35993 (BF36026, BF36027)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	93	92	1.1	93	90	3.3	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	89	90	1.1	89	87	2.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	89	102	99	3.0	100	98	2.0	30 - 150	30
% TCMX (Surrogate Rec)	83	106	104	1.9	104	103	1.0	30 - 150	30
QA/QC Batch 251631, QC Sample No: BF36026 (BF36026, BF36027)									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	108	106	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	107	107	0.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	93	93	0.0				70 - 130	30
1,1,2-Trichloroethane	ND	106	106	0.0				70 - 130	30
1,1-Dichloroethane	ND	106	105	0.9				70 - 130	30
1,1-Dichloroethene	ND	106	104	1.9				70 - 130	30
1,1-Dichloropropene	ND	107	104	2.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	97	97	0.0				70 - 130	30
1,2,3-Trichloropropane	ND	100	101	1.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	91	89	2.2				70 - 130	30
1,2,4-Trimethylbenzene	ND	105	105	0.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	106	110	3.7				70 - 130	30
1,2-Dibromoethane	ND	103	103	0.0				70 - 130	30
1,2-Dichlorobenzene	ND	100	102	2.0				70 - 130	30
1,2-Dichloroethane	ND	102	101	1.0				70 - 130	30
1,2-Dichloropropane	ND	106	104	1.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	106	105	0.9				70 - 130	30
1,3-Dichlorobenzene	ND	101	101	0.0				70 - 130	30
1,3-Dichloropropane	ND	103	102	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	99	99	0.0				70 - 130	30
2,2-Dichloropropane	ND	100	100	0.0				70 - 130	30
2-Chlorotoluene	ND	102	102	0.0				70 - 130	30
2-Hexanone	ND	114	114	0.0				70 - 130	30
2-Isopropyltoluene	ND	109	110	0.9				70 - 130	30
4-Chlorotoluene	ND	102	102	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	106	105	0.9				70 - 130	30
Acetone	ND	140	140	0.0				70 - 130	30
Acrylonitrile	ND	103	104	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GBF36026

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzene	ND	106	104	1.9				70 - 130	30	
Bromobenzene	ND	103	103	0.0				70 - 130	30	
Bromochloromethane	ND	103	101	2.0				70 - 130	30	
Bromodichloromethane	ND	105	104	1.0				70 - 130	30	
Bromoform	ND	105	101	3.9				70 - 130	30	
Bromomethane	ND	105	106	0.9				70 - 130	30	
Carbon Disulfide	ND	101	99	2.0				70 - 130	30	
Carbon tetrachloride	ND	108	105	2.8				70 - 130	30	
Chlorobenzene	ND	106	103	2.9				70 - 130	30	
Chloroethane	ND	107	107	0.0				70 - 130	30	
Chloroform	ND	104	103	1.0				70 - 130	30	
Chloromethane	ND	109	107	1.9				70 - 130	30	
cis-1,2-Dichloroethene	ND	108	108	0.0				70 - 130	30	
cis-1,3-Dichloropropene	ND	102	100	2.0				70 - 130	30	
Dibromochloromethane	ND	106	102	3.8				70 - 130	30	
Dibromomethane	ND	103	103	0.0				70 - 130	30	
Dichlorodifluoromethane	ND	118	115	2.6				70 - 130	30	
Ethylbenzene	ND	104	101	2.9				70 - 130	30	
Hexachlorobutadiene	ND	100	101	1.0				70 - 130	30	
Isopropylbenzene	ND	112	111	0.9				70 - 130	30	
m&p-Xylene	ND	106	102	3.8				70 - 130	30	
Methyl ethyl ketone	ND	115	114	0.9				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	95	95	0.0				70 - 130	30	
Methylene chloride	ND	98	97	1.0				70 - 130	30	
Naphthalene	ND	108	109	0.9				70 - 130	30	
n-Butylbenzene	ND	103	102	1.0				70 - 130	30	
n-Propylbenzene	ND	107	107	0.0				70 - 130	30	
o-Xylene	ND	107	103	3.8				70 - 130	30	
p-Isopropyltoluene	ND	105	106	0.9				70 - 130	30	
sec-Butylbenzene	ND	108	107	0.9				70 - 130	30	
Styrene	ND	103	100	3.0				70 - 130	30	
tert-Butylbenzene	ND	112	112	0.0				70 - 130	30	
Tetrachloroethene	ND	105	101	3.9				70 - 130	30	
Tetrahydrofuran (THF)	ND	98	100	2.0				70 - 130	30	
Toluene	ND	105	103	1.9				70 - 130	30	
trans-1,2-Dichloroethene	ND	111	103	7.5				70 - 130	30	
trans-1,3-Dichloropropene	ND	101	99	2.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	102	105	2.9				70 - 130	30	
Trichloroethene	ND	112	111	0.9				70 - 130	30	
Trichlorofluoromethane	ND	108	105	2.8				70 - 130	30	
Trichlorotrifluoroethane	ND	101	99	2.0				70 - 130	30	
Vinyl chloride	ND	118	116	1.7				70 - 130	30	
% 1,2-dichlorobenzene-d4	101	99	102	3.0				70 - 130	30	
% Bromofluorobenzene	94	98	97	1.0				70 - 130	30	
% Dibromofluoromethane	98	97	96	1.0				70 - 130	30	
% Toluene-d8	101	99	99	0.0				70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 250769, QC Sample No: BF36029 (BF36026, BF36027)

Pesticides - Soil

4,4' -DDD	ND	95	87	8.8	92	94	2.2	40 - 140	30	
4,4' -DDE	ND	97	89	8.6	>130*	129*	NC	40 - 140	30	m

QA/QC Data

SDG I.D.: GBF36026

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4,4' -DDT	ND	101	94	7.2	>130*	>130*	NC	40 - 140	30	m
a-BHC	ND	92	88	4.4	87	88	1.1	40 - 140	30	
a-Chlordane	ND	100	94	6.2	95	93	2.1	40 - 140	30	
Alachlor	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	93	88	5.5	84	86	2.4	40 - 140	30	
b-BHC	ND	98	92	6.3	90	90	0.0	40 - 140	30	
Chlordane	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
d-BHC	ND	90	85	5.7	83	84	1.2	40 - 140	30	
Dieldrin	ND	97	90	7.5	90	93	3.3	40 - 140	30	
Endosulfan I	ND	97	92	5.3	92	83	10.3	40 - 140	30	
Endosulfan II	ND	85	84	1.2	92	94	2.2	40 - 140	30	
Endosulfan sulfate	ND	90	87	3.4	91	92	1.1	40 - 140	30	
Endrin	ND	94	86	8.9	119	107	10.6	40 - 140	30	
Endrin aldehyde	ND	108	106	1.9	112	114	1.8	40 - 140	30	
Endrin ketone	ND	101	94	7.2	95	97	2.1	40 - 140	30	
g-BHC	ND	91	87	4.5	87	88	1.1	40 - 140	30	
g-Chlordane	ND	95	89	6.5	92	91	1.1	40 - 140	30	
Heptachlor	ND	92	88	4.4	84	87	3.5	40 - 140	30	
Heptachlor epoxide	ND	94	88	6.6	85	87	2.3	40 - 140	30	
Methoxychlor	ND	101	93	8.2	89	91	2.2	40 - 140	30	
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	80	103	96	7.0	84	90	6.9	30 - 150	30	
% TCMX	84	101	97	4.0	89	91	2.2	30 - 150	30	

Comment:

* The recoveries of these compounds on the batch MS/MSD were elevated due to the presence of Pesticides in the unspiked sample. The LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 250772, QC Sample No: BF36029 (BF36026, BF36027)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	76	67	12.6	96	100	4.1	30 - 130	30	
1,2,4-Trichlorobenzene	ND	70	64	9.0	83	91	9.2	30 - 130	30	
1,2-Dichlorobenzene	ND	68	60	12.5	81	84	3.6	30 - 130	30	
1,2-Diphenylhydrazine	ND	69	63	9.1	86	89	3.4	30 - 130	30	
1,3-Dichlorobenzene	ND	68	60	12.5	80	83	3.7	30 - 130	30	
1,4-Dichlorobenzene	ND	70	61	13.7	81	85	4.8	30 - 130	30	
2,4,5-Trichlorophenol	ND	81	71	13.2	97	100	3.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	76	67	12.6	92	96	4.3	30 - 130	30	
2,4-Dichlorophenol	ND	76	69	9.7	92	95	3.2	30 - 130	30	
2,4-Dimethylphenol	ND	50	46	8.3	66	70	5.9	30 - 130	30	
2,4-Dinitrophenol	ND	18	<5	NC	<5	<5	NC	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	73	64	13.1	85	88	3.5	30 - 130	30	
2,6-Dinitrotoluene	ND	73	64	13.1	85	88	3.5	30 - 130	30	
2-Chloronaphthalene	ND	75	65	14.3	92	96	4.3	30 - 130	30	
2-Chlorophenol	ND	70	62	12.1	84	89	5.8	30 - 130	30	
2-Methylnaphthalene	ND	73	64	13.1	91	95	4.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	71	59	18.5	85	86	1.2	30 - 130	30	
2-Nitroaniline	ND	128	114	11.6	>150	>150	NC	30 - 130	30	m
2-Nitrophenol	ND	73	65	11.6	85	87	2.3	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	72	63	13.3	88	89	1.1	30 - 130	30	
3,3'-Dichlorobenzidine	ND	122	109	11.3	102	110	7.5	30 - 130	30	
3-Nitroaniline	ND	85	76	11.2	89	87	2.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	58	36	46.8	21	18	15.4	30 - 130	30	m,r
4-Bromophenyl phenyl ether	ND	68	59	14.2	88	87	1.1	30 - 130	30	

QA/QC Data

SDG I.D.: GBF36026

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	75	68	9.8	93	96	3.2	30 - 130	30	
4-Chloroaniline	ND	59	53	10.7	50	49	2.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	82	72	13.0	105	111	5.6	30 - 130	30	
4-Nitroaniline	ND	75	66	12.8	90	94	4.3	30 - 130	30	
4-Nitrophenol	ND	68	57	17.6	60	67	11.0	30 - 130	30	
Acenaphthene	ND	70	61	13.7	96	99	3.1	30 - 130	30	
Acenaphthylene	ND	74	65	12.9	92	99	7.3	30 - 130	30	
Acetophenone	ND	74	66	11.4	93	95	2.1	30 - 130	30	
Aniline	ND	67	58	14.4	56	55	1.8	30 - 130	30	
Anthracene	ND	77	67	13.9	134	137	2.2	30 - 130	30	m
Benz(a)anthracene	ND	74	68	8.5	>150	>150	NC	30 - 130	30	m
Benzidine	ND	41	35	15.8	5.2	8.3	45.9	30 - 130	30	m,r
Benzo(a)pyrene	ND	68	61	10.9	138	140	1.4	30 - 130	30	m
Benzo(b)fluoranthene	ND	79	68	15.0	>150	>150	NC	30 - 130	30	m
Benzo(ghi)perylene	ND	74	62	17.6	57	56	1.8	30 - 130	30	
Benzo(k)fluoranthene	ND	80	71	11.9	>150	>150	NC	30 - 130	30	m
Benzyl butyl phthalate	ND	63	57	10.0	102	90	12.5	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	65	61	6.3	77	81	5.1	30 - 130	30	
Bis(2-chloroethyl)ether	ND	65	58	11.4	93	97	4.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	60	52	14.3	67	70	4.4	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	75	68	9.8	114	104	9.2	30 - 130	30	
Carbazole	ND	78	69	12.2	113	118	4.3	30 - 130	30	
Chrysene	ND	76	67	12.6	>150	>150	NC	30 - 130	30	m
Dibenz(a,h)anthracene	ND	80	68	16.2	51	54	5.7	30 - 130	30	
Dibenzofuran	ND	74	65	12.9	100	105	4.9	30 - 130	30	
Diethyl phthalate	ND	76	67	12.6	96	102	6.1	30 - 130	30	
Dimethylphthalate	ND	76	68	11.1	92	95	3.2	30 - 130	30	
Di-n-butylphthalate	ND	74	65	12.9	95	93	2.1	30 - 130	30	
Di-n-octylphthalate	ND	76	68	11.1	98	94	4.2	30 - 130	30	
Fluoranthene	ND	79	69	13.5	>150	>150	NC	30 - 130	30	m
Fluorene	ND	78	69	12.2	113	120	6.0	30 - 130	30	
Hexachlorobenzene	ND	78	69	12.2	104	101	2.9	30 - 130	30	
Hexachlorobutadiene	ND	77	69	11.0	93	100	7.3	30 - 130	30	
Hexachlorocyclopentadiene	ND	56	49	13.3	9.7	9.7	0.0	30 - 130	30	m
Hexachloroethane	ND	70	61	13.7	48	49	2.1	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	78	67	15.2	59	63	6.6	30 - 130	30	
Isophorone	ND	70	64	9.0	81	85	4.8	30 - 130	30	
Naphthalene	ND	72	65	10.2	93	96	3.2	30 - 130	30	
Nitrobenzene	ND	70	61	13.7	83	86	3.6	30 - 130	30	
N-Nitrosodimethylamine	ND	59	55	7.0	73	77	5.3	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	66	60	9.5	82	83	1.2	30 - 130	30	
N-Nitrosodiphenylamine	ND	81	72	11.8	104	109	4.7	30 - 130	30	
Pentachloronitrobenzene	ND	82	72	13.0	93	90	3.3	30 - 130	30	
Pentachlorophenol	ND	44	34	25.6	53	52	1.9	30 - 130	30	
Phenanthrene	ND	77	69	11.0	>150	>150	NC	30 - 130	30	m
Phenol	ND	70	61	13.7	89	90	1.1	30 - 130	30	
Pyrene	ND	82	68	18.7	>150	>150	NC	30 - 130	30	m
Pyridine	ND	52	45	14.4	56	60	6.9	30 - 130	30	
% 2,4,6-Tribromophenol	61	76	65	15.6	102	94	8.2	30 - 130	30	
% 2-Fluorobiphenyl	59	77	66	15.4	93	95	2.1	30 - 130	30	
% 2-Fluorophenol	54	66	57	14.6	78	78	0.0	30 - 130	30	
% Nitrobenzene-d5	55	71	61	15.2	85	86	1.2	30 - 130	30	
% Phenol-d5	59	73	61	17.9	85	86	1.2	30 - 130	30	

QA/QC Data

SDG I.D.: GBF36026

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Terphenyl-d14	68	95	77	20.9	100	103	3.0	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
September 13, 2013

Sample Criteria Exceedences Report

GBF36026 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF36026	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	33.7	0.42	1	1	mg/Kg
BF36027	$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.7	2.1	3.3	3.3	ug/Kg
BF36027	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	15	2.1	3.3	3.3	ug/Kg
BF36027	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	28.9	0.36	1	1	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY Temperature Narration

September 13, 2013

SDG I.D.: GBF36026

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Temp 4 Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 79 Clay St Brooklyn
Report to:
Invoice to:

Project P.O:
Phone #: 631 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 9-6-13

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	TAL Metals	Pest/PCB 8081/8082							Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
36026	SP4 (2-4)	S	9-6-13		X	X	X	X							2	1	1							
36027	SP4 (4-6)	S	9-6-13		X	X	X	X							2	1	1							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-9-13	8:00
		9-9-13	~~1530~~
			1520

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☑ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, September 26, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 79 CLAY ST BKLYN NY
Sample ID#s: BF42383 - BF42385

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 26, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		09/18/13	12:15
Location Code:	EBC	Received by:	SW	09/19/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF42383
Phoenix ID: BF42383

Project ID: 79 CLAY ST BKLYN NY
Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/24/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	09/24/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/24/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/24/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/24/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/24/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.61	*0.204*	3.00	*1.00*	09/24/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/24/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.21	*0.204*	1.03	*1.00*	09/24/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/24/13	KCA	TO15	
1,3-Dichlorobenzene	0.28	*0.166*	1.68	*1.00*	09/24/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.69	*0.244*	2.82	*1.00*	09/24/13	KCA	TO15	
Acetone	1560	*0.421*	3700	*1.00*	09/24/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/24/13	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	09/24/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/24/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/24/13	KCA	TO15	

Project ID: 79 CLAY ST BKLYN NY
Client ID: SG-1

Phoenix I.D.: BF42383

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	09/24/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	09/24/13	KCA	TO15	
Carbon Disulfide	5.66	*0.321*	17.6	*1.00*	09/24/13	KCA	TO15	
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	09/24/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/24/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	09/24/13	KCA	TO15	
Chloroform	0.72	*0.205*	3.51	*1.00*	09/24/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	09/24/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	09/24/13	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/24/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	09/24/13	KCA	TO15	
Dichlorodifluoromethane	0.38	*0.202*	1.88	*1.00*	09/24/13	KCA	TO15	
Ethanol	119	*0.531*	224	*1.00*	09/24/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	1
Ethylbenzene	19.5	*0.230*	84.6	*1.00*	09/24/13	KCA	TO15	
Heptane	2.7	*0.244*	11.0	*1.00*	09/24/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/24/13	KCA	TO15	
Hexane	17	*0.284*	59.9	*1.00*	09/24/13	KCA	TO15	
Isopropylalcohol	44.6	*0.407*	110	*1.00*	09/24/13	KCA	TO15	
Isopropylbenzene	0.25	*0.204*	1.23	*1.00*	09/24/13	KCA	TO15	
m,p-Xylene	69.8	*0.230*	303	*1.00*	09/24/13	KCA	TO15	
Methyl Ethyl Ketone	158	*0.339*	466	*1.00*	09/24/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	
Methylene Chloride	0.32	*0.288*	1.11	*1.00*	09/24/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
o-Xylene	17	*0.230*	73.8	*1.00*	09/24/13	KCA	TO15	
Propylene	71.2	*0.581*	122	*1.00*	09/24/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	09/24/13	KCA	TO15	
Tetrachloroethene	0.66	*0.037*	4.47	*0.25*	09/24/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/24/13	KCA	TO15	1
Toluene	105	*0.266*	395	*1.00*	09/24/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	09/24/13	KCA	TO15	
Trichloroethene	0.25	*0.047*	1.34	*0.25*	09/24/13	KCA	TO15	
Trichlorofluoromethane	0.22	*0.178*	1.24	*1.00*	09/24/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	09/24/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	09/24/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	103	*%*	103	*%*	09/24/13	KCA	TO15	

Project ID: 79 CLAY ST BKLYN NY

Client ID: SG-1

Phoenix I.D.: BF42383

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

September 26, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 26, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		09/18/13	12:30
Location Code:	EBC	Received by:	SW	09/19/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF42383
Phoenix ID: BF42384

Project ID: 79 CLAY ST BKLYN NY
Client ID: SG-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/24/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	09/24/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/24/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/24/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/24/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/24/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.43	*0.204*	2.11	*1.00*	09/24/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/24/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	09/24/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/24/13	KCA	TO15	
1,3-Dichlorobenzene	0.71	*0.166*	4.27	*1.00*	09/24/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.7	*0.244*	2.86	*1.00*	09/24/13	KCA	TO15	
Acetone	225	*0.421*	534	*1.00*	09/24/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/24/13	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	09/24/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/24/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/24/13	KCA	TO15	

Project ID: 79 CLAY ST BKLYN NY
Client ID: SG-2

Phoenix I.D.: BF42384

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	09/24/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	09/24/13	KCA	TO15	
Carbon Disulfide	1	*0.321*	3.11	*1.00*	09/24/13	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	09/24/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/24/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	09/24/13	KCA	TO15	
Chloroform	0.34	*0.205*	1.66	*1.00*	09/24/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	09/24/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	09/24/13	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/24/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	09/24/13	KCA	TO15	
Dichlorodifluoromethane	0.36	*0.202*	1.78	*1.00*	09/24/13	KCA	TO15	
Ethanol	64.4	*0.531*	121	*1.00*	09/24/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	1
Ethylbenzene	35.4	*0.230*	154	*1.00*	09/24/13	KCA	TO15	
Heptane	0.32	*0.244*	1.31	*1.00*	09/24/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/24/13	KCA	TO15	
Hexane	23.8	*0.284*	83.8	*1.00*	09/24/13	KCA	TO15	
Isopropylalcohol	4.42	*0.407*	10.8	*1.00*	09/24/13	KCA	TO15	
Isopropylbenzene	0.33	*0.204*	1.62	*1.00*	09/24/13	KCA	TO15	
m,p-Xylene	117	*0.230*	508	*1.00*	09/24/13	KCA	TO15	
Methyl Ethyl Ketone	22.5	*0.339*	66.3	*1.00*	09/24/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	09/24/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
o-Xylene	29	*0.230*	126	*1.00*	09/24/13	KCA	TO15	
Propylene	11.2	*0.581*	19.3	*1.00*	09/24/13	KCA	TO15	1
sec-Butylbenzene	0.44	*0.182*	2.41	*1.00*	09/24/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	09/24/13	KCA	TO15	
Tetrachloroethene	0.45	*0.037*	3.05	*0.25*	09/24/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/24/13	KCA	TO15	1
Toluene	262	*0.266*	987	*1.00*	09/24/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	09/24/13	KCA	TO15	
Trichloroethene	ND	*0.047*	ND	*0.25*	09/24/13	KCA	TO15	
Trichlorofluoromethane	0.19	*0.178*	1.07	*1.00*	09/24/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	09/24/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	09/24/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	104	*%*	104	*%*	09/24/13	KCA	TO15	

Project ID: 79 CLAY ST BKLYN NY

Client ID: SG-2

Phoenix I.D.: BF42384

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

September 26, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 26, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		09/18/13	11:50
Location Code:	EBC	Received by:	SW	09/19/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF42383
Phoenix ID: BF42385

Project ID: 79 CLAY ST BKLYN NY
Client ID: SG-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/24/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	09/24/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/24/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/24/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/24/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/24/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.35	*0.204*	1.72	*1.00*	09/24/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	09/24/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/24/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	09/24/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/24/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/24/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	
2-Hexanone(MBK)	2.48	*0.244*	10.2	*1.00*	09/24/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.41	*0.244*	1.68	*1.00*	09/24/13	KCA	TO15	
Acetone	158	*0.421*	375	*1.00*	09/24/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/24/13	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	09/24/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/24/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/24/13	KCA	TO15	

Project ID: 79 CLAY ST BKLYN NY
Client ID: SG-3

Phoenix I.D.: BF42385

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	09/24/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	09/24/13	KCA	TO15	
Carbon Disulfide	0.41	*0.321*	1.28	*1.00*	09/24/13	KCA	TO15	
Carbon Tetrachloride	0.05	*0.040*	0.314	*0.25*	09/24/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/24/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	09/24/13	KCA	TO15	
Chloroform	0.65	*0.205*	3.17	*1.00*	09/24/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	09/24/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	09/24/13	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/24/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	09/24/13	KCA	TO15	
Dichlorodifluoromethane	0.36	*0.202*	1.78	*1.00*	09/24/13	KCA	TO15	
Ethanol	51.9	*0.531*	97.7	*1.00*	09/24/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	1
Ethylbenzene	24.7	*0.230*	107	*1.00*	09/24/13	KCA	TO15	
Heptane	0.25	*0.244*	1.02	*1.00*	09/24/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/24/13	KCA	TO15	
Hexane	24.2	*0.284*	85.2	*1.00*	09/24/13	KCA	TO15	
Isopropylalcohol	3.02	*0.407*	7.42	*1.00*	09/24/13	KCA	TO15	
Isopropylbenzene	0.22	*0.204*	1.08	*1.00*	09/24/13	KCA	TO15	
m,p-Xylene	79.8	*0.230*	346	*1.00*	09/24/13	KCA	TO15	
Methyl Ethyl Ketone	17	*0.339*	50.1	*1.00*	09/24/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/24/13	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	09/24/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/24/13	KCA	TO15	1
o-Xylene	19.4	*0.230*	84.2	*1.00*	09/24/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	09/24/13	KCA	TO15	1
sec-Butylbenzene	0.36	*0.182*	1.97	*1.00*	09/24/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	09/24/13	KCA	TO15	
Tetrachloroethene	0.56	*0.037*	3.80	*0.25*	09/24/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/24/13	KCA	TO15	1
Toluene	175	*0.266*	659	*1.00*	09/24/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/24/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	09/24/13	KCA	TO15	
Trichloroethene	ND	*0.047*	ND	*0.25*	09/24/13	KCA	TO15	
Trichlorofluoromethane	0.19	*0.178*	1.07	*1.00*	09/24/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	09/24/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	09/24/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	101	*%*	101	*%*	09/24/13	KCA	TO15	

Project ID: 79 CLAY ST BKLYN NY

Client ID: SG-3

Phoenix I.D.: BF42385

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

September 26, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 26, 2013

QA/QC Data

SDG I.D.: GBF42383

QA/QC Batch 254613, QC Sample No: BF42383 (BF42383, BF42384, BF42385)

Volatiles

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	ND	96	ND	3.36	ND	0.49	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	95	3.00	3.00	0.61	0.61	0.0	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	93	1.13	0.983	0.23	0.2	14.0	70 - 130	20
1,3-Butadiene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	95	1.50	1.62	0.25	0.27	7.7	70 - 130	20
1,4-Dichlorobenzene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	102	107	175	26.1	42.8	48.5	70 - 130	20
4-Ethyltoluene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	96	2.82	2.62	0.69	0.64	7.5	70 - 130	20
Acetone	ND	ND	96	2220	2190	936	924	1.3	70 - 130	20
Acrylonitrile	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	93	17.6	16.8	5.66	5.39	4.9	70 - 130	20
Carbon Tetrachloride	ND	ND	93	0.566	0.503	0.09	0.08	11.8	70 - 130	20
Chlorobenzene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	101	3.51	3.17	0.72	0.65	10.2	70 - 130	20
Chloromethane	ND	ND	<60	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	<60	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	94	2.08	1.83	0.42	0.37	12.7	70 - 130	20
Ethanol	ND	ND	129	228	211	121	112	7.7	70 - 130	20

QA/QC Data

SDG I.D.: GBF42383

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	96	84.6	84.2	19.5	19.4	0.5	70 - 130	20
Heptane	ND	ND	93	11.0	12.0	2.7	2.92	7.8	70 - 130	20
Hexachlorobutadiene	ND	ND	76	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	102	59.9	56.4	17	16	6.1	70 - 130	20
Isopropylalcohol	ND	ND	108	110	103	44.6	41.8	6.5	70 - 130	20
Isopropylbenzene	ND	ND	99	1.28	1.18	0.26	0.24	8.0	70 - 130	20
m,p-Xylene	ND	ND	95	303	291	69.8	67	4.1	70 - 130	20
Methyl Ethyl Ketone	ND	ND	102	501	472	170	160	6.1	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	97	1.35	1.08	0.39	0.31	22.9	70 - 130	20
n-Butylbenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	91	73.8	72.0	17	16.6	2.4	70 - 130	20
Propylene	ND	ND	100	130	117	75.3	67.8	10.5	70 - 130	20
sec-Butylbenzene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	102	1.02	ND	0.24	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	97	4.47	4.27	0.66	0.63	4.7	70 - 130	20
Tetrahydrofuran	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	99	467	456	124	121	2.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	98	1.77	1.13	0.33	0.21	44.4	70 - 130	20
Trichlorofluoromethane	ND	ND	81	1.52	1.12	0.27	0.2	29.8	70 - 130	20
Trichlorotrifluoroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	74	74	100	103	104	103	104	1.0	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
September 26, 2013

Thursday, September 26, 2013

Requested Criteria: None

State: NY

Sample Criteria Exceedences Report

GBF42383 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☒ Email: Csosnick@ebcinc.com
- ☐ Phone #:

Report to:

Customer: EBC

Address: 1808 Middle Country Road
Ridge, NY 11961

Invoice to: EBC

Sampled by: KW

Project Name: 79 Clay St Bkly NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
42383	S9-1	12860	6.0	30	-4	5041	42	1040	1215	9-18	-30	-5		X			X
42384	S9-2	11287	↓	↓	-6	~~3413~~*	↓	1035	1230	9-18	-30	-7		X			X
42385	S9-3	11290	↓	↓	-4	~~4987~~ 3413	↓	1030	1150	9-18	-30	-7		X			X
	6L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9-19-13	13:20
[signature]	[signature]	9-19-13	16:48

Data Format: Excel ☒ Equis ☐ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

* Rcvd regulator # 5350 (LK)

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: