150 UNION AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 15CVCP058K

Prepared for:

120 Union Avenue LLC.

850 Third Avenue, Suite 13-D, New York, NY

Josh@adamamericare.com

Prepared by:

Hydro Tech Environmental, Corp.

15 Ocean Avenue, 2nd Floor

Brooklyn, New York 11225

Phone: (718) 636-0800

December 2014

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES 3
LIST OF ACRONYMS 3
CERTIFICATION 5
EXECUTIVE SUMMARY 6
REMEDIAL INVESTIGATION REPORT 10
1.0 SITE BACKGROUND 10
1.1 Site Location and Current Usage 10
1.2 Proposed Redevelopment Plan 10
1.3 Description of Surrounding Property 11
2.0 SITE HISTORY 12
2.1 Past Uses and Ownership 12
2.2 Previous Investigations 12
2.3 Site Inspection 12
2.4 Areas of Concern 12
3.0 PROJECT MANAGEMENT 13
3.1 Project Organization 13
3.2 Health and Safety 13
3.3 Materials Management 13
4.0 REMEDIAL INVESTIGATION ACTIVITIES 14
4.1 Geophysical Investigation 14
4.2 Borings and Monitoring Wells 14
4.3 Sample Collection and Chemical Analysis 16
5.0 ENVIRONMENTAL EVALUATION 21
5.1 Geological and Hydrogeological Conditions 21
5.2 Soil Chemistry 21
5.3 Groundwater Chemistry 22
5.4 Sub-Slab/Soil Vapor Chemistry 22
5.5 Prior Activity 23
5.6 Impediments to Remedial Action 23

FIGURES

FIGURES

Figure-1: Site Location Map
Figure-2: Site Boundary Map
Figure-3: Land-Use Map
Figure-4: Map of Areas of Concern
Figure-5: Location of Soil Borings, Wells, and Soil Vapor Samples
Figure-6: Groundwater Flow Map
Figure -7: Map of SVOCs in Soil
Figure -8: Map of Pesticides in Soil
Figure -9: Map of Metals in Soil
Figure -10: Map of VOCs in Groundwater
Figure -11: Map of SVOCs in Groundwater
Figure -12: Map of Dissolved Metals in Groundwater
Figure -13: Map of Soil Vapors

TABLES

Table-1: Groundwater Survey Data
Table-2: Soil Samples Analytical Data
Table-3: Groundwater Samples Analytical Data
Table-4: Soil Vapor Samples Analytical Data

APPENDICES

Appendix-A: Previous Investigations (CD-ROM)
Appendix-B: Photographs
Appendix-C GPR Summary Report
Appendix-D: Soil Boring Logs
Appendix-E: Monitoring wells construction logs
Appendix-F: Well Purging and Sampling Log
Appendix-G: Soil Vapor Sampling Log
Appendix-H: Laboratory Data Deliverables for Soil Analytical Data
Appendix-I: Laboratory Data Deliverables for Groundwater Analytical Data
Appendix-J: Laboratory Data Deliverables for Soil Vapor Analytical Data

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, Mark E. Robbins, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 150 Union Avenue Site, (NYC VCP Site No. 15CVCP058K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Mark E. Robbins

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 120-150 Union Avenue (aka 238 Lunch Street; 201-211 Middleton Street) in the Broadway Triangle section of Brooklyn, New York and is identified as Block 2238 and Lot 49 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 26,000-square feet and is bounded by Lynch Street to the north, Middleton Street to the south, two multi-story apartment buildings to the east and Union Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is occupied by Knights Collision and Towing and is developed with a 2-story office building with a partial cellar in the southern portion and a 1-story building used for automobile repairs and body works in the northern portion. The remaining eastern portion consists of an auto salvage yard.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 6-story mixed use commercial and residential building with a slab on-grade. The proposed building footprint will be 16,025 square feet. The first floor of the building will consist of a commercial mercantile space of 1,750 square feet, a residential lobby and mechanical rooms of approximately 6,635 square feet and open covered asphalt-paved parking space of approximately 7,421 square feet. The remaining portions of the site will be undeveloped and will consist of a landscaped area of 2,442 square feet in the southwestern portion at the corner of Middleton Street and Union Avenue and an asphalt parking space of 7,421 square feet in the eastern portion. The second to sixth floors will consist of residential dwellings. The building slab on grade will be 10 inches in thickness and will be installed 10 inches below grade surface on top of pile caps. The pile caps will require excavation to 4 feet and 3 inches below grade surface. The current zoning designation for the Site is R6A with a commercial overlay of C2-4. The proposed use is consistent with existing zoning for the property. **Summary of Past Uses of Site and Areas of Concern**

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Reports prepared by Hydro Tech Environmental Corp. in January 2014 a Site history was established. The Site was occupied by religious, residential and office buildings and an iron workshop between 1887 and 1918 and by an individual residential dwelling between 1935 and 1950. The Site was also utilized for used auto sales in 1950, offices, auto repairs, and gasoline station in 1956 and auto repairs with a 1-story building in the southern portion and adjacent parking areas between 1965 until present.

The AOCs identified for this site include:

- The presence of a closed NYSDEC Spill number 0909352
- The historical use of the property for iron works, auto repairs and a gasoline station
- The presence of a NYC Little "E" Designation for Hazmat and Air
- The presence of a NYSDEC active spill at a north-adjacent BP gasoline station
- The presence of monitoring wells
- The presence of inactive underground hydraulic lifts

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey over approximately 55% of the Site;
3. Installed nine (9) soil borings across the entire project Site, and collected eighteen (18) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site, which were gauged along with three (3) existing wells to establish groundwater flow and collected five (5) groundwater samples from installed three (3) wells and two (2) existing wells for chemical analysis to evaluate groundwater quality. One (1) of the existing monitoring wells (MW-1) indicated free petroleum product;
5. Installed one (1) sub-slab vapor probe and four (4) soil vapor probes and collected five (5) samples for chemical analysis.

6. One (1) outdoor air sample was collected for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is 16 feet.
2. One anomaly indicative of an abandoned UST was identified in the western portion of the Site during the GPR survey.
3. Depth to groundwater ranges from 5.94 feet to 7.99 feet below sidewalk grade at the Site.
4. Groundwater flow is generally from north-northeast to south-southwest beneath the Site.
5. The stratigraphy of the site, from the surface down, consists of historic fill with variable thickness ranging between zero and 8 feet (brown coarse grained sand with varying amounts of bricks and pebbles).
6. Soil/fill samples collected during the remedial investigation were compared to the 6NYCRR Part 375 Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) as well as to Track 2 Restricted Residential Use SCOs. RI results show only one VOC, Acetone (0.071 ppm) at concentrations above Track 1 Unrestricted Use SCOs. Acetone is a common laboratory contaminant and was also detected in laboratory blanks. Tetrachloroethylene (PCE) (0.027 ppm), trans-1,2-Dichloroethylene (trans-1,2-DCE) (0.0026 ppm) and methylene chloride (0.0039 ppm) were also detected in 3 shallow soil samples, but at levels below Unrestricted Use SCOs. SVOCs consisting of polycyclic aromatic hydrocarbons (PAHs) were detected in 2 shallow and 1 deep samples in excess of Track 1 Unrestricted Use SCOs and Track 2 Restricted Residential Use SCOs. These PAHs included benzo(a)anthracene (max. 3.07 ppm), benzo(a)pyrene (4.43 ppm),benzo(b)fluoranthene (2.52 ppm) and indeno(1,2,3-cd)Pyrene (0.68 ppm). Pesticides including 4,4-DDD (max 0.057 ppm), 4,4-DDE (max 0.2 ppm) and 4,4-DDT (max 1.61 ppm) were detected in 2 shallow and 1 deep soil samples at concentrations exceeding Track 1 SCOs, but below Restricted Residential Use SCOs. Metals including arsenic (max 23.10 ppm), barium (max 4,070 ppm), cadmium (max 3.13 ppm), copper (max 183 ppm), lead (max 876 ppm), nickel (max 31.5 ppm), silver (max 14.5 ppm) and zinc (max 1,180 ppm) were detected in 8 shallow soil 4 deep samples at concentrations exceeding Track 1 SCOs. Among these, arsenic, barium and lead also exceed the Track 2 Residential SCOs in 2 shallow and 1 deep soil samples.

7. Groundwater samples collected during the RI showed one VOC methyl tert-butyl ether (17 µg/L) in a groundwater sample in excess of the New York State 6NYCRR Part 703.5 Groundwater Quality Standard (GQS). One groundwater monitoring wells (MW-1) was found to contain free petroleum product and therefore a groundwater sample was not collected. Chlorinated VOCs were not detected in groundwater. No PCBs or pesticides were detected in any groundwater sample. Several PAHs were detected in the groundwater samples at concentrations exceeding GQS and include benzo(a)anthracene (max. 1.32 µg/L), benzo(a)pyrene (max. 0.86 µg/L), benzo(b)fluoranthene (0.26 µg/L), benzo(k)fluoranthene (0.52 µg/L), bis(2-ethylhexyl)phthalate (29 µg/L), indeno(1,2,3-cd)pyrene (0.40 µg/L) and chrysene (0.1 µg/L). Dissolved magnesium, manganese and sodium were also detected at concentrations exceeding GQS.

8. Soil vapor results collected during the RI were compared to the monitoring/ mitigation ranges established in the vapor intrusion matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples show petroleum related compounds and associated derivatives in the 5 soil vapor samples collected at this Site. The concentrations of benzene, toluene ethylbenzene and xylenes (BTEX) compounds range from 45.80 $\mu g/m^3$ to 311 $\mu g/m^3$. Chlorinated hydrocarbons were detected at low concentrations. Tetrachloroethylene (PCE) was detected in all soil vapor samples at a maximum concentration of 26 $\mu g/m^3$, which is well below the NYSDOH guidance. The chlorinated hydrocarbons 1,1,1-trichloroethane, trichloroethene, and carbon tetrachloride were not detected in any sample. Methylene chloride (max. 6.9 $\mu g/m^3$) and chloroform (max. 1 $\mu g/m^3$) were also detected in soil vapor samples. BTEX and associated compounds were detected in the outdoor air sample at 29 $\mu g/m^3$.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

120 Union Avenue LLC. has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.59-acre site located at 120-150 Union Avenue (aka 238 Lunch Street; 201-211 Middleton Street) in the Broadway Triangle section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between April 17 and April 23, 2014. 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 120-150 Union Avenue (aka 238 Lunch Street; 201-211 Middleton Street)in the Broadway Triangle section of Brooklyn, New York and is identified as Block 2238 and Lot 49 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 26,000-square feet and is bounded by Lynch Street to the north, Middleton Street to the south, two multi-story apartment buildings to the east and Union Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is occupied by Knights Collision and Towing and is developed with a 2-story office building with a partial cellar in the southern portion and a 1-story building used for automobile repairs and body works in the northern portion. The remaining eastern portion consists of an auto salvage yard.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 6-story mixed use commercial and residential building with a slab on-grade. The proposed building footprint will be 16,025 square feet. The first floor of the building will consist of a commercial mercantile space of 1,750 square feet, a residential lobby and mechanical rooms of approximately 6,635 square feet and open covered asphalt-paved parking space of approximately 7,421 square feet. The remaining portions of the site will be undeveloped and will consist of a landscaped area of 2,442 square feet in the southwestern portion at the corner of Middleton Street and Union Avenue and an asphalt parking space of 7,421 square feet in the eastern portion. The second to sixth floors will consist of residential dwellings. The building slab on grade will be 10 inches in thickness and will be

installed 10 inches below grade surface on top of pile caps. The pile caps will require excavation to 4 feet and 3 inches below grade surface. The current zoning designation for the Site is R6A with a commercial overlay of C2-4. The proposed use is consistent with existing zoning for the property. 1.3 Description of Surrounding Property

Within a 500 feet radius of the Site, there are a variety of land uses including: residential (multi-story residential apartments), commercial, parking, industrial, institutions and vacant properties. Properties located within a 1/4-mile radius of the Site are zoned R6, R6B, R7A, R7-1 (general residential districts), C1-3, C2-1 C2-2 (general commercial districts) and M1-3 and M3-1 (light manufacturing districts). Within 250 feet radius of the Site, no sensitive receptor is identified. The land uses include residential buildings, industrial uses, institutions and vacant lots.

Figure 3 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Reports prepared by Hydro Tech Environmental Corp. in January 2014 a Site history was established. The Site was occupied by religious, residential and office buildings and an iron workshop between 1887 and 1918 and by an individual residential dwelling between 1935 and 1950. The Site was also utilized for used auto sales in 1950, offices, auto repairs, and gasoline station in 1956 and auto repairs with a 1-story building in the southern portion and adjacent parking areas between 1965 until present.

2.2 Previous Investigations

Previous investigations performed at the Site include the following:

- Phase I Environmental Site Assessment, January 2014, Hydro Tech Environmental, Corp.

2.3 Site Inspection

Sasha Rothenberg of Hydro Tech performed the site inspection on January 15, 2014. The reconnaissance included a visual inspection of the Site. At the time of the inspection, the Site was utilized as an automobile service center. Need more info – please describe whether or not there was any evidence of tanks, what the condition of the lifts was, any staining, etc.

2.4 Areas of Concern

The AOCs identified for this site include:

- The presence of a closed NYSDEC Spill number 0909352
- The historical use of the property for iron works, auto repairs and a gasoline station
- The presence of a NYC Little “E” Designation for Hazmat and Air
- The presence of a NYSDEC active spill at a north-adjacent BP gasoline station
- The presence of monitoring wells
- The presence of inactive underground hydraulic lifts

Phase I ESA Report is presented in Appendix A. A map showing areas of concern is presented in Figure 4.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

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

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The scope of work implemented by Hydro Tech included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey over approximately 55% of the Site;
3. Installed nine (9) soil borings across the entire project Site, and collected eighteen (18) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site, which were gauged along with three (3) existing wells to establish groundwater flow and collected five (5) groundwater samples from installed three (3) wells and two (2) existing wells for chemical analysis to evaluate groundwater quality. One (1) of the existing monitoring wells (MW-1)indicated free petroleum product;
5. Installed one (1) sub-slab vapor probe and four (4) soil vapor probes and collected five (5) samples for chemical analysis.
6. One (1) outdoor air sample was collected for chemical analysis.

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

4.1 Geophysical Investigation

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

The GPR survey was performed successfully over 55 percent of the property due to the presence of stalled cars in the salvage yard and cars in repairs indoor. With the exception of the anomaly associated with the abandoned UST in the western portion, no other anomalies indicative of suspect USTs were identified during the GPR survey. Appendix C includes the GPR summary report.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of nine (9) soil probes designated SB-1 to SB-9 were installed and sampled at the Site. SB-1 was installed in the partial cellar to 4 feet below the cellar slab. The remaining soil probes were installed in the slab on-grade to 8 feet bgs. All soil probes were installed utilizing Hydro Tech's fleet of Geoprobe® fitted with Geoprobe® tooling and sampling equipment. Soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. Each Macro Core was cut open and immediately screened with a Photo Ionization Detector (PID) for VOCs, prior to collecting the required samples for laboratory analysis. The soil was screened and characterized at two-foot intervals. Continuous soil samples were collected during soil probe installation.

Boring logs were prepared by a geologist are attached in Appendix D. A map showing the location of soil borings is shown in Figure 5.

Groundwater Monitoring Well Construction

Three (3) monitoring wells designated MW-7 to MW-9 were installed at the Site. All wells were constructed of 1-inch diameter PVC. Monitoring well MW-7 was installed in the partial cellar area to the depth of 10 feet. The well screens in this well consisted of 0.010-inch slots and extended up 9 feet from the bottom of the well. The remaining monitoring wells MW-8 and MW-9 were installed to 18 feet bgs. The well screens also consist of 0.010-inch slots and extended up 15 feet from the bottom of each well. The remaining portion of each of the three wells consisted of a riser.

Monitoring wells construction logs are attached in Appendix E. Groundwater sampling log with information on purging and sampling of groundwater monitor well is included in Appendix F. A map showing the location of monitoring wells is shown in Figure 5.

Survey

Land survey was used to identify the location of recently installed monitor wells MW-7 MW-8 and MW-9. The survey also included three (3) existing monitoring wells identified as MW-1, MW-5 and MW-6. The elevation of all monitoring was surveyed relative to a permanent surface benchmark.

Water Level Measurement

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

The well gauging exercise identified LNAPL in one (1) monitoring well at the Site. Product thickness was 0.02 feet in MW-1. The presence of LNAPL in MW-1 was reported previously to NYSDEC prior to the closure of NYSDEC spill number 0909352 in September 2013.

Water level data is included in Table 1.

Sub-slab/Soil Vapor Boring Construction

One (1) sub-slab vapor probe designated SV-1 and four (4) soil vapor probes designated SV-2 through SV-5 were installed during the remedial investigation. Sub-slab vapor probe SV-1 was installed 3 inches beneath the partial cellar slab. The remaining soil probes were installed to 6 feet bgs. The soil vapor probes were installed in accordance with the NYSDOH guidance for evaluating soil vapor intrusion dated October 2006. Each soil vapor sampling point consisted of a 1½-inch diameter stainless steel screen, or implant, fitted with dedicated polyethylene tubing. Glass beads were poured into the hole to fully encompass the screen implant and the hole was sealed with bentonite and quick dry-lock non-VOC quick set cement. A map showing the locations of sub-slab/soil vapor borings 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

Eighteen (18) soil samples were collected from the soil-borings on-Site for laboratory analysis; these included eight (8) shallow soil samples from zero to 2 feet bgs, two (2) shallow soil sample from zero to 2 feet and 2 to 4 feet below the partial cellar slab and eight (8) deep soil sample from 6 to 8 feet bgs. Samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. No visual or olfactory evidence of petroleum was identified in any of the soil samples and no organic vapors were detected with the PID.

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

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

Groundwater Sampling

Five (5) groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected using the low stress (low flow) purging and sampling procedure. The low flow was accomplished with a Geopump peristaltic pump and the continuous flow was monitored with a Horiba U50 series flow cell until water quality readings had stabilized.

All water samples were collected in laboratory supplied jars, properly labeled with the sample number , the date and time of sampling, the analytical requirements, and then placed on ice for the duration of the sampling and transport to the laboratory. A chain of custody form was completed at the time of sampling and maintained until disposition of the samples at the laboratory.

Groundwater sample collection data is reported in Table 3. Figure 6 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Sub-slab/Soil Vapor Sampling

One (1) sub-slab vapor sample and four (4) 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 4. Soil vapor sampling logs are included in Appendix G. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

A soil vapor sample from each vapor probe was collected utilizing 6 liter pre-cleaned, passivated, evacuated whole air Summa® Canister. In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location. Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-gas Detector). Helium Detector readings did not exceed zero ppm indicating Helium was not detected. Following verification that the surface seal was tight and prior to soil vapor sampling, approximately 0.3 ml of air was purged out of all vapor points utilizing a syringe.

One (1) outdoor air sample AO-1 was collected at the same time as the soil vapor samples utilizing 6-liter Summa Canister.

The Summa Canisters were calibrated for 2 hours and the soil vapor sampling was run on each canister for the duration of 2 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and top time was recorded. After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State.

Chemical Analysis

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

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

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 2, 3 and 4. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendices H, I and J.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The Site is located in the northern portion of the Borough of Brooklyn, New York. The elevation of the Subject Property is approximately 16 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photo revised 1995).

Stratigraphy

The stratigraphy of the Site, from surface down, consists of historic fill with variable thickness ranging between zero and 8 feet (brown coarse grained sand with varying amounts of bricks and pebbles). Boring logs describing surface conditions are presented in Appendix D.

Hydrogeology

A table of water level data for all monitor wells is included in Table 1. The depth to groundwater ranges from 5.94 feet to 7.99 feet at the Site. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 6**.** Groundwater flow is from north-northeast to south-southwest.

5.2 Soil Chemistry

6. Soil/fill samples collected during the remedial investigation were compared to the 6NYCRR Part 375 Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) as well as to Track 2 Restricted Residential Use SCOs. RI results show VOCs in 5 shallow and 1 deep soil samples at concentrations below Track 1 Unrestricted Use SCOs (SCOs), and only one VOC, Acetone (0.071 ppm) exceeding at concentrations above Track 1 Unrestricted Use SCOs. Acetone is a common laboratory contaminant and was also detected in laboratory blanks. Tetrachloroethylene (PCE) (0.027 ppm), trans-1,2-Dichloroethylene (trans-1,2-DCE) (0.0026 ppm) and methylene chloride (0.0039 ppm) were also detected in 3 shallow soil samples, but at levels below Unrestricted Use SCOs. SVOCs consisting of polycyclic aromatic hydrocarbons (PAHs) were detected in 2 shallow and 1 deep samples in excess of Track 1 Unrestricted Use SCOs (SCOs) and Track 2 Restricted Residential Use SCOs (RSCOs). These PAHs included benzo(a)anthracene (max. 3.07 ppm), benzo(a)pyrene (4.43 ppm), and benzo(b)fluoranthene (2.52 ppm) and indeno(1,2,3-cd)Pyrene (0.68 ppm). Pesticides including 4,4-DDD (max 0.057 ppm), 4,4-DDE (max 0.2 ppm) and 4,4-DDT (max 1.61 ppm) were detected in 2 shallow and 1 deep soil samples at concentrations exceeding Track 1 SCOs, but below Restricted Residential

Use SCOs. Metals including arsenic (max 23.10 ppm), barium (max 4,070 ppm), cadmium (max 3.13 ppm), copper (max 183 ppm), lead (max 876 ppm), nickel (max 31.5 ppm), silver (max 14.5 ppm) and zinc (max 1,180 ppm) were detected in 8 shallow soil 4 deep samples at concentrations exceeding Track 1 SCOs. Among these, arsenic, barium and lead also exceed the Track 2 Residential SCOs in 2 shallow and 1 deep soil samples..

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 2. Figures 7, 8 and 9 show the location and post the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 and Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed one VOC methyl tert-butyl ether (17 µg/L) in a groundwater sample in excess of the New York State 6NYCRR Part 703.5 Groundwater Quality Standard (GQS). One groundwater monitoring wells (MW-1) was found to contain free petroleum product and therefore a groundwater sample was not collected. Chlorinated VOCs were not detected in groundwater. No PCBs or pesticides were detected in any groundwater sample. Several PAHs were detected in the groundwater samples above GQS and included benzo(a)anthracene (max. 1.32 µg/L), benzo(a)pyrene (max. 0.86 µg/L), benzo(b)fluoranthene (0.26 µg/L), benzo(k)fluoranthene (0.52 µg/L), bis(2-ethylhexyl)phthalate (29 µg/L), indeno(1,2,3-cd)pyrene (0.40 µg/L) and chrysene (0.1 µg/L). Dissolved magnesium, manganese and sodium were also detected above GQS in groundwater samples collected beneath the Site.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 3. Figures 10 to 12 show the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Sub-Slab/Soil Vapor Chemistry

Soil vapor results collected during the RI were compared to the monitoring/ mitigation ranges established in the vapor intrusion matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor

samples showed petroleum related compounds and associated derivatives in the 5 soil vapor samples collected at this Site. The concentrations of benzene, toluene ethylbenzene and xylenes (BTEX) compounds range from 45.80 $\mu g/m^3$ to 311 $\mu g/m^3$. Chlorinated hydrocarbons were detected at low concentrations. Tetrachloroethylene (PCE) was detected in all soil vapor samples at a maximum concentration of 26 $\mu g/m^3$, which is well below the NYSDOH guidance. The chlorinated hydrocarbons 1,1,1-trichloroethane, trichloroethene, and carbon tetrachloride were not detected in any sample. Methylene chloride (max. 6.9 $\mu g/m^3$) and chloroform (max. 1 $\mu g/m^3$) were also detected in soil vapor samples. BTEX and associated compounds were detected in the outdoor air sample at 29 $\mu g/m^3$.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 4. Figure 13 shows the location and posts the values for soil vapor samples with detected concentrations.

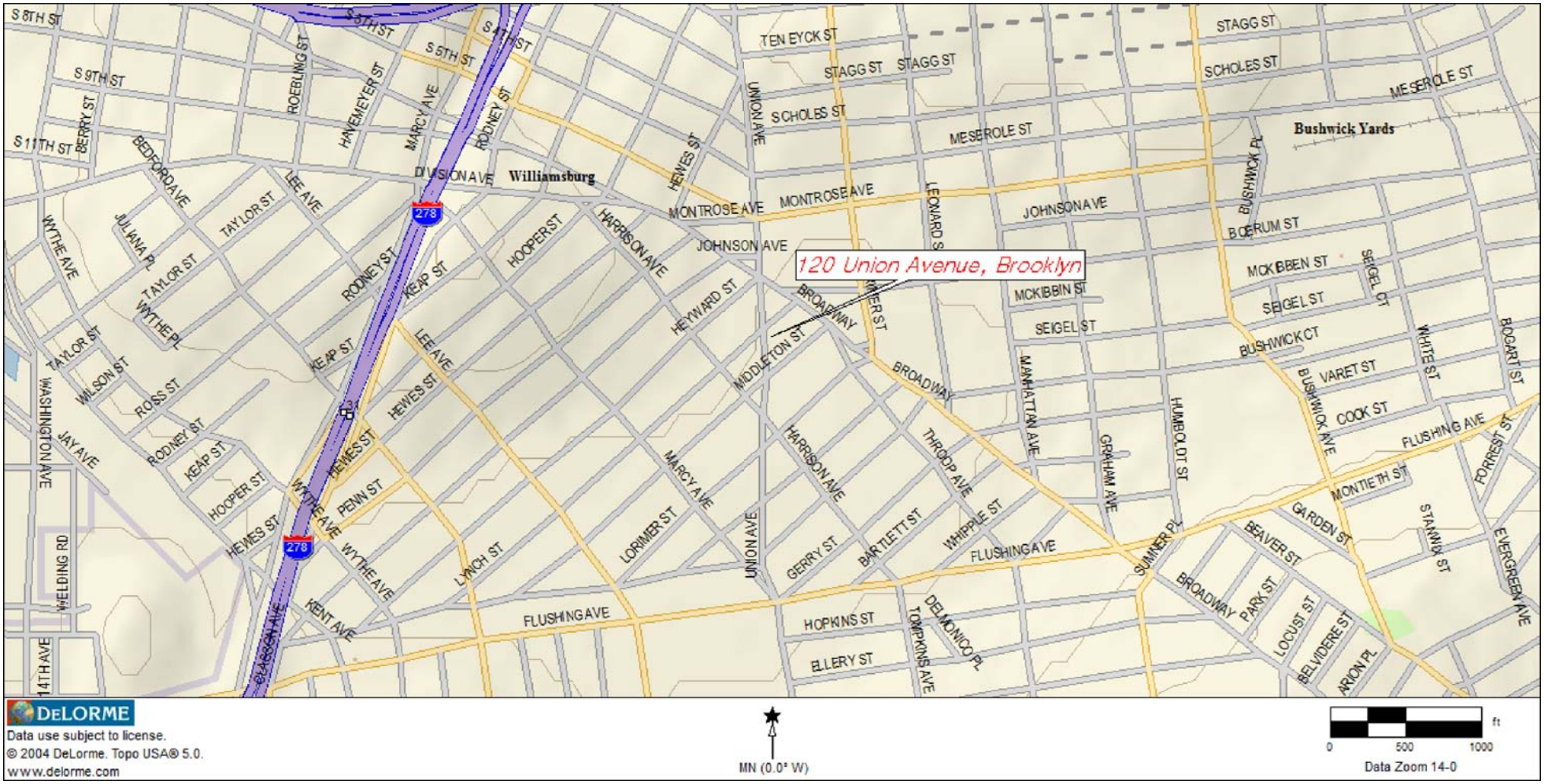
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP

HYDRO TECH ENVIRONMENTAL CORP.

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

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

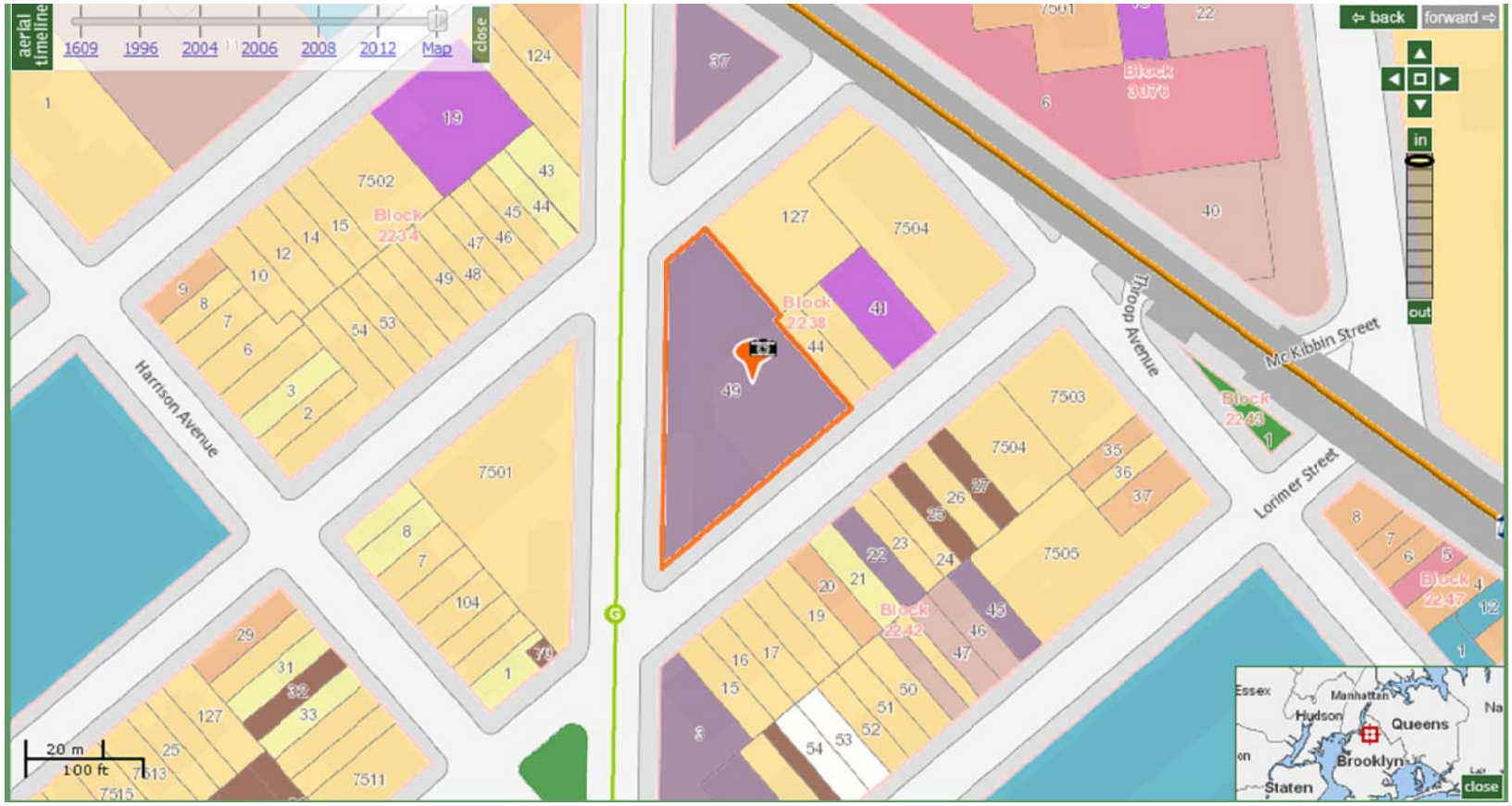
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 2: SITE BOUNDARY MAP



Land Use

All land use categories

2003 2005 2007 2009 2013

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

HYDRO TECH ENVIRONMENTAL CORP.

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

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

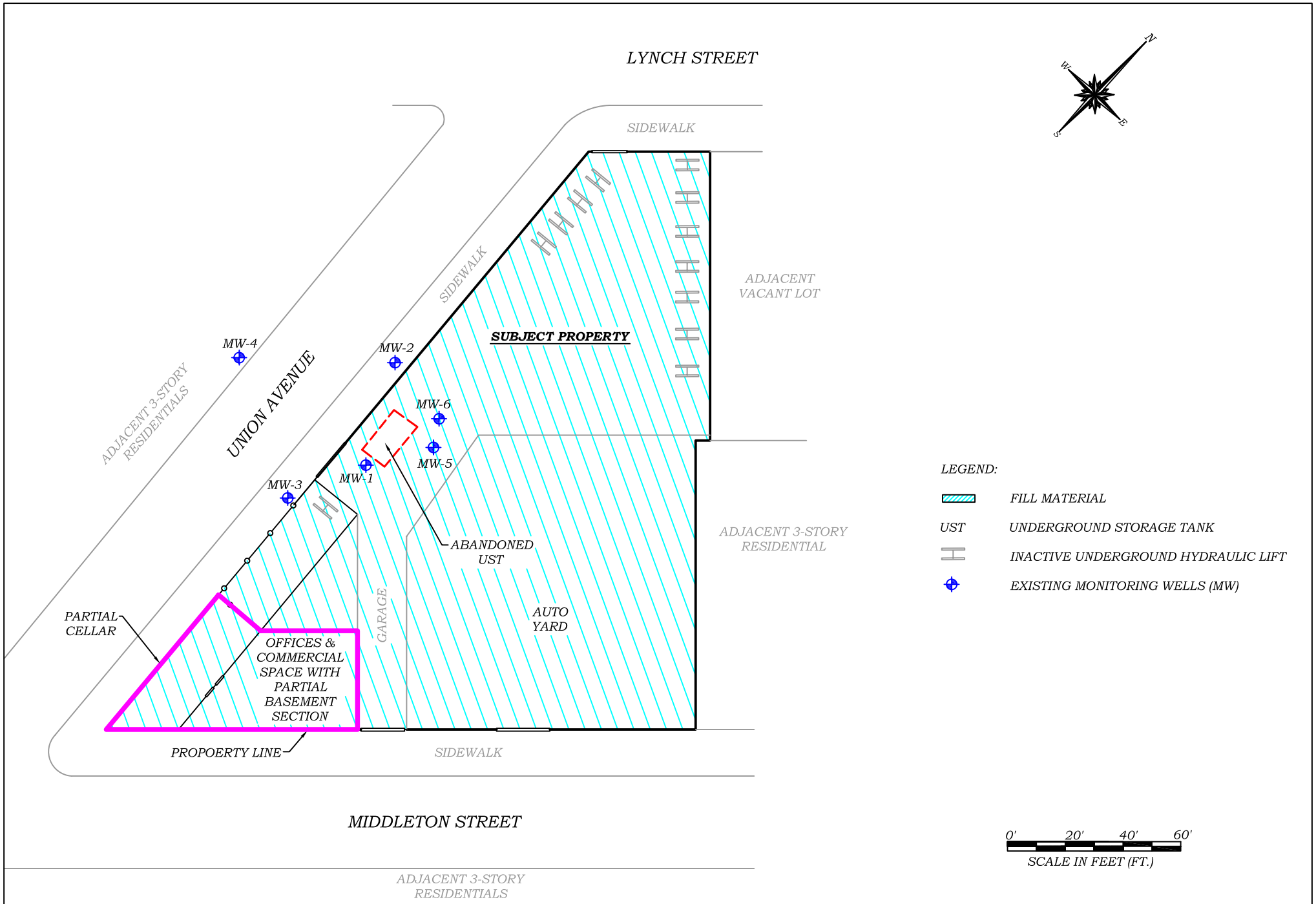
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 3: LANDUSE MAP



HYDRO TECH ENVIRONMENTAL CORP.

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

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

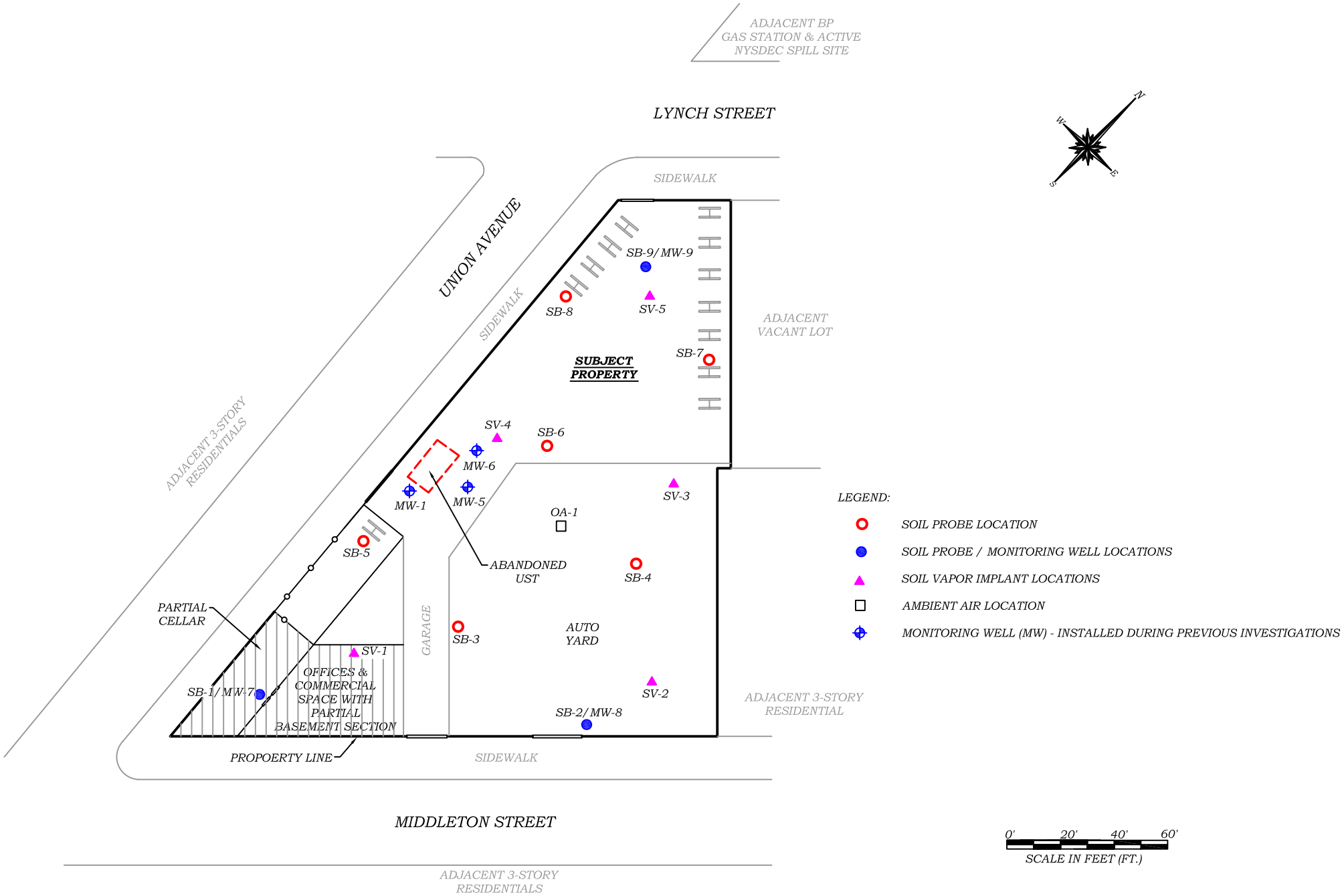
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 4: MAP OF AREAS OF CONCERN



HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job # 140005

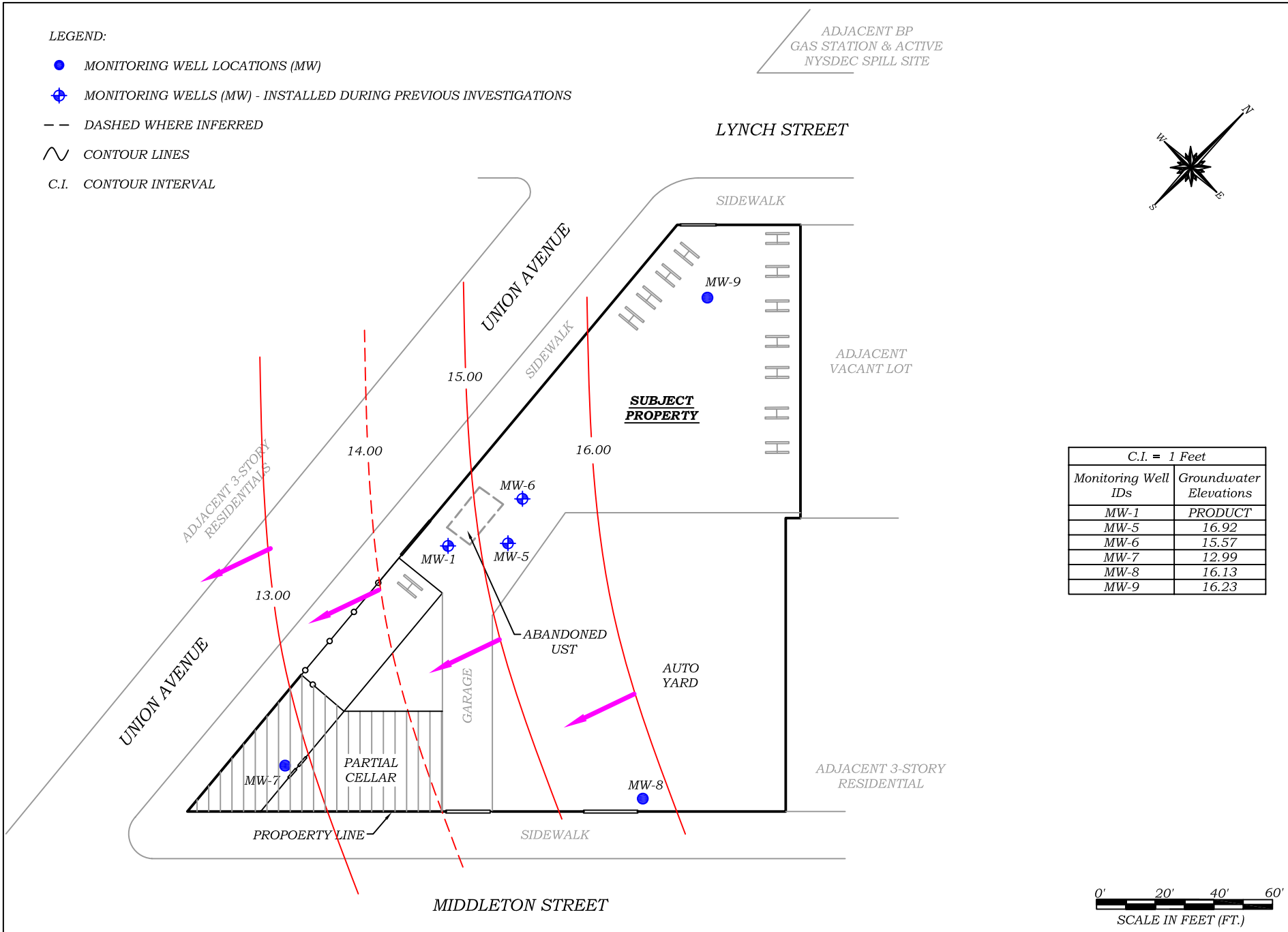
Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 5: LOCATION OF SOIL BORINGS, WELLS AND SOIL VAPOR SAMPLES

LEGEND:

- MONITORING WELL LOCATIONS (MW)
- MONITORING WELLS (MW) - INSTALLED DURING PREVIOUS INVESTIGATIONS
- DASHED WHERE INFERRED
- CONTOUR LINES
- C.I. CONTOUR INTERVAL



C.I. = 1 Feet	
Monitoring Well IDs	Groundwater Elevations
MW-1	PRODUCT
MW-5	16.92
MW-6	15.57
MW-7	12.99
MW-8	16.13
MW-9	16.23

HYDRO TECH ENVIRONMENTAL CORP.

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

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

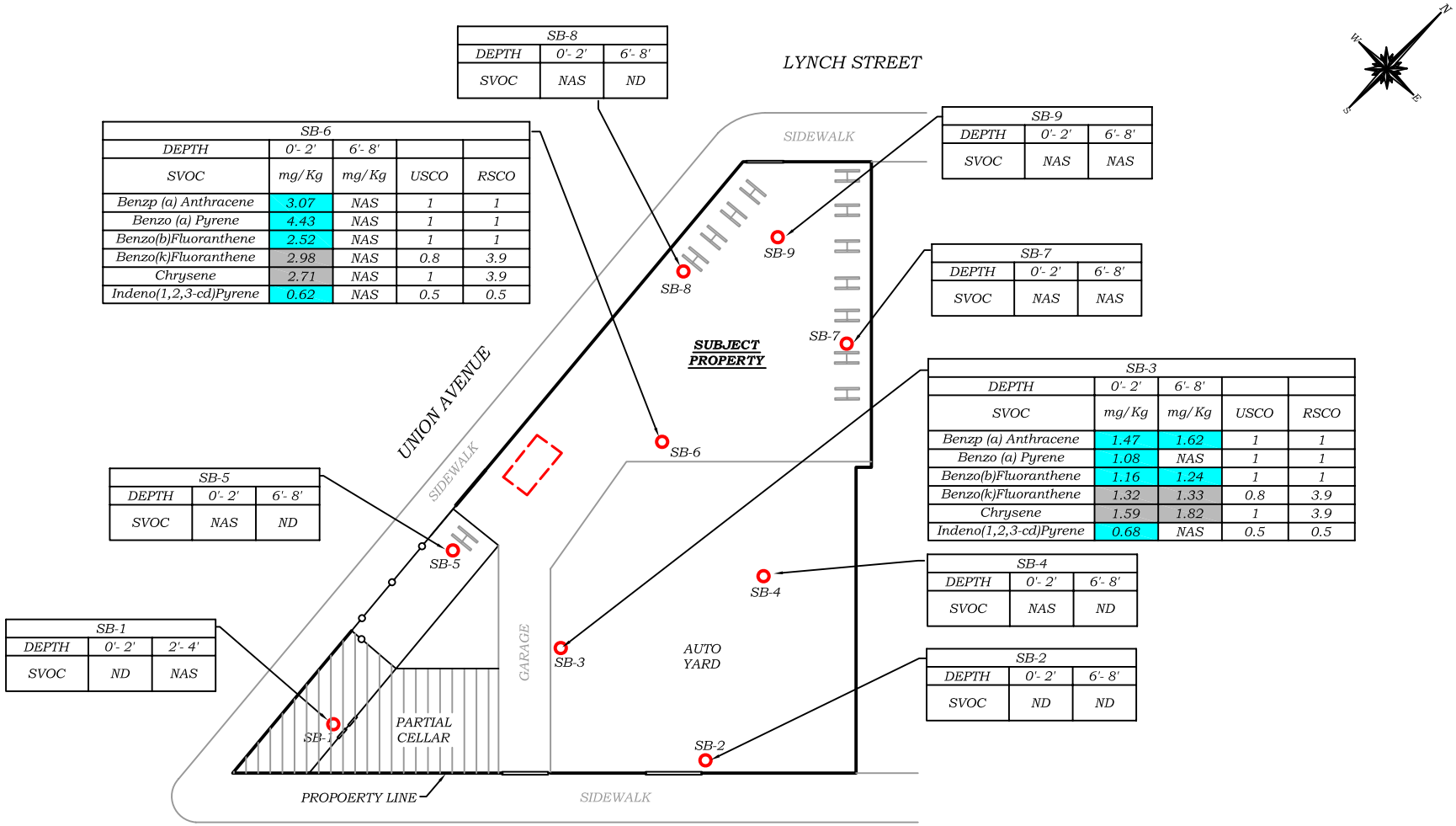
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 6: GROUNDWATER FLOW CONTOUR DIAGRAM



SB-8		
DEPTH	0'- 2'	6'- 8'
SVOC	NAS	ND

SB-6				
DEPTH	0'- 2'	6'- 8'		
SVOC	mg/Kg	mg/Kg	USCO	RSCO
Benzp (a) Anthracene	3.07	NAS	1	1
Benzo (a) Pyrene	4.43	NAS	1	1
Benzo(b)Fluoranthene	2.52	NAS	1	1
Benzo(k)Fluoranthene	2.98	NAS	0.8	3.9
Chrysene	2.71	NAS	1	3.9
Indeno(1,2,3-cd)Pyrene	0.62	NAS	0.5	0.5

SB-9		
DEPTH	0'- 2'	6'- 8'
SVOC	NAS	NAS

SB-7		
DEPTH	0'- 2'	6'- 8'
SVOC	NAS	NAS

SB-3				
DEPTH	0'- 2'	6'- 8'		
SVOC	mg/Kg	mg/Kg	USCO	RSCO
Benzp (a) Anthracene	1.47	1.62	1	1
Benzo (a) Pyrene	1.08	NAS	1	1
Benzo(b)Fluoranthene	1.16	1.24	1	1
Benzo(k)Fluoranthene	1.32	1.33	0.8	3.9
Chrysene	1.59	1.82	1	3.9
Indeno(1,2,3-cd)Pyrene	0.68	NAS	0.5	0.5

SB-5		
DEPTH	0'- 2'	6'- 8'
SVOC	NAS	ND

SB-4		
DEPTH	0'- 2'	6'- 8'
SVOC	NAS	ND

SB-1		
DEPTH	0'- 2'	2'- 4'
SVOC	ND	NAS

SB-2		
DEPTH	0'- 2'	6'- 8'
SVOC	ND	ND

LEGEND:

- SOIL PROBE LOCATIONS (SB)
- SVOC — SEMI VOLATILE ORGANIC COMPOUNDS
- mg/Kg — MILLIGRAMS PER KILOGRAM
- NAS — NONE ABOVE STANDARDS
- ND — NONE DETECTED
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO — RESTRICTED USE SOIL CLEANUP OBJECTIVES
- GRAY SHADED VALUES EXCEED USCO
- BLUE SHADED VALUES EXCEED RSCO

0' 20' 40' 60'
SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

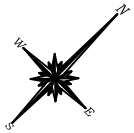
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 7: MAP OF SVOCs IN SOIL



SB-8		
DEPTH	0'- 2'	6'- 8'
PESTICIDES	ND	ND

SB-9		
DEPTH	0'- 2'	6'- 8'
PESTICIDES	ND	ND

SB-6		
DEPTH	0'- 2'	6'- 8'
PESTICIDES	ND	ND

SB-7		
DEPTH	0'- 2'	6'- 8'
PESTICIDES	ND	ND

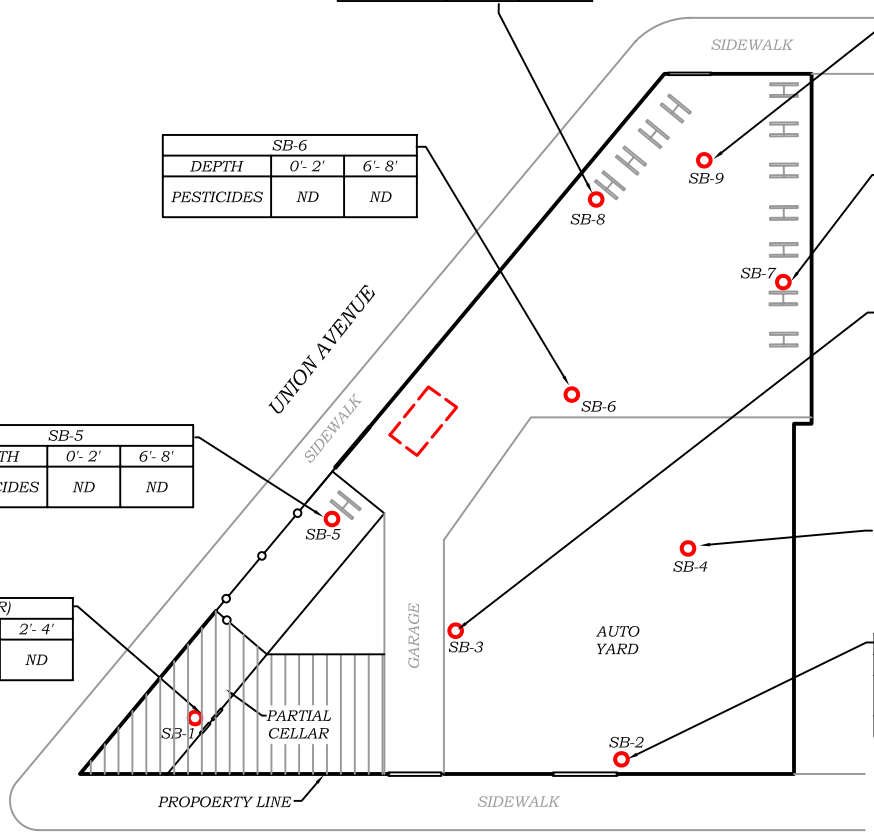
SB-3			
DEPTH	0'- 2'	6'- 8'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	0.057	0.01	0.0033
4,4'-DDE	0.20	0.091	0.0033
4,4'-DDT	1.61	0.43	0.0033

SB-5		
DEPTH	0'- 2'	6'- 8'
PESTICIDES	ND	ND

SB-4		
DEPTH	0'- 2'	6'- 8'
PESTICIDES	NAS	ND

SB-1 (IN CELLAR)		
DEPTH	0'- 2'	2'- 4'
PESTICIDES	ND	ND

SB-3			
DEPTH	0'- 2'	6'- 8'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDT	0.0063	ND	0.0033



LEGEND:

○	SOIL PROBE LOCATIONS (SB)
mg/Kg	MILLIGRAMS PER KILOGRAM
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
▬	SHADED VALUES EXCEED USCO

0' 20' 40' 60'
SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

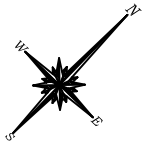
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job # 140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 8: MAP OF PESTICIDES IN SOIL



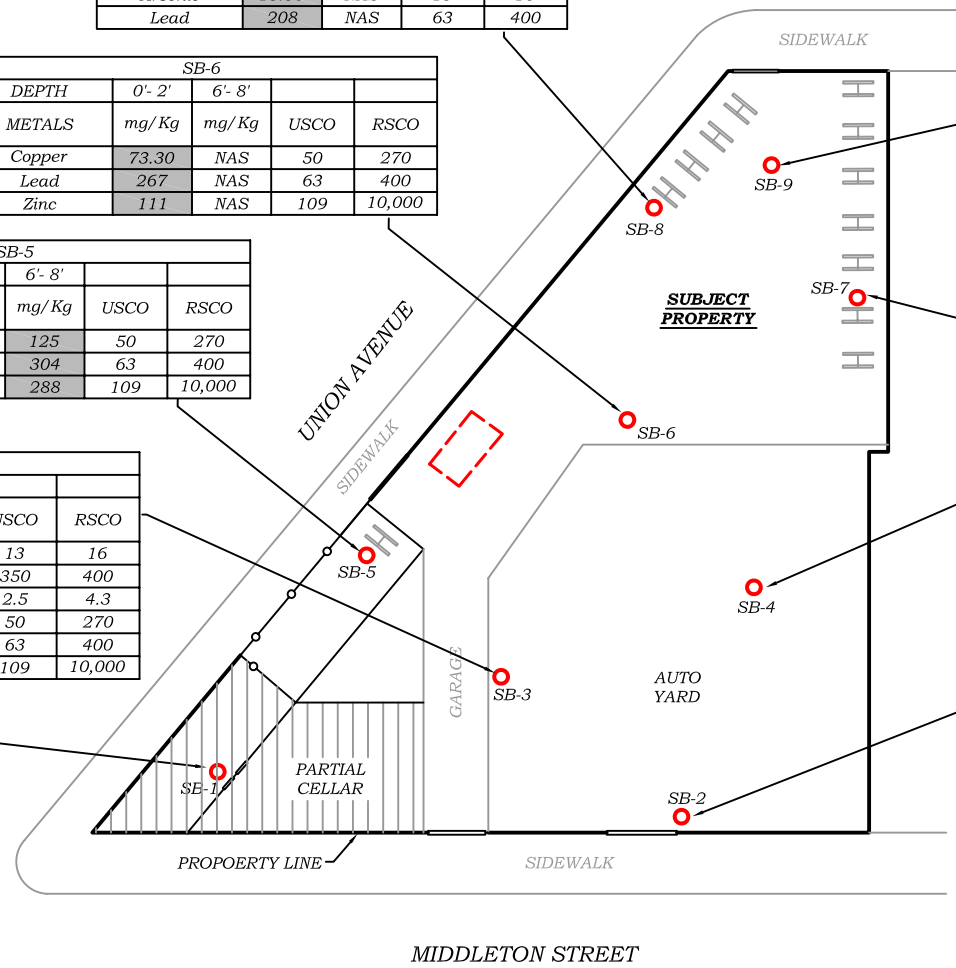
SB-8				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Arsenic	13.30	NAS	13	16
Lead	208	NAS	63	400

SB-6				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	73.30	NAS	50	270
Lead	267	NAS	63	400
Zinc	111	NAS	109	10,000

SB-5				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	NAS	125	50	270
Lead	NAS	304	63	400
Zinc	NAS	288	109	10,000

SB-3				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Arsenic	19.80	23.10	13	16
Barium	817	4,070	350	400
Cadmium	NAS	3.13	2.5	4.3
Copper	60.40	NAS	50	270
Lead	780	876	63	400
Zinc	1,120	1,180	109	10,000

SB-1		
DEPTH	0'- 2'	2'- 4'
METALS	NAS	NAS



SB-9				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	450	NAS	63	400
Zinc	152	NAS	109	10,000

SB-7				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	157	69	50	270
Lead	165	205	63	400
Zinc	126	150	109	10,000

SB-4				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Cadmium	2.93	NAS	2.5	4.3
Copper	183	66.60	50	270
Lead	348	179	63	400
Zinc	NAS	150	109	10,000

SB-2				
DEPTH	0'- 2'	6'- 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Cadmium	3.13	NAS	2.5	4.3
Copper	144	NAS	50	270
Lead	391	NAS	63	400
Nickel	31.50	NAS	30	310
Silver	14.50	NAS	2	180
Zinc	364	NAS	109	10,000

LEGEND:

- SOIL PROBE LOCATIONS (SB)
- mg/Kg — MILLIGRAMS PER KILOGRAM
- NAS — NONE ABOVE STANDARDS
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO — RESTRICTED USE SOIL CLEANUP OBJECTIVES
- GRAY SHADED VALUES EXCEED USCO
- BLUE SHADED VALUES EXCEED RSCO

0' 20' 40' 60'
SCALE IN FEET (FT.)

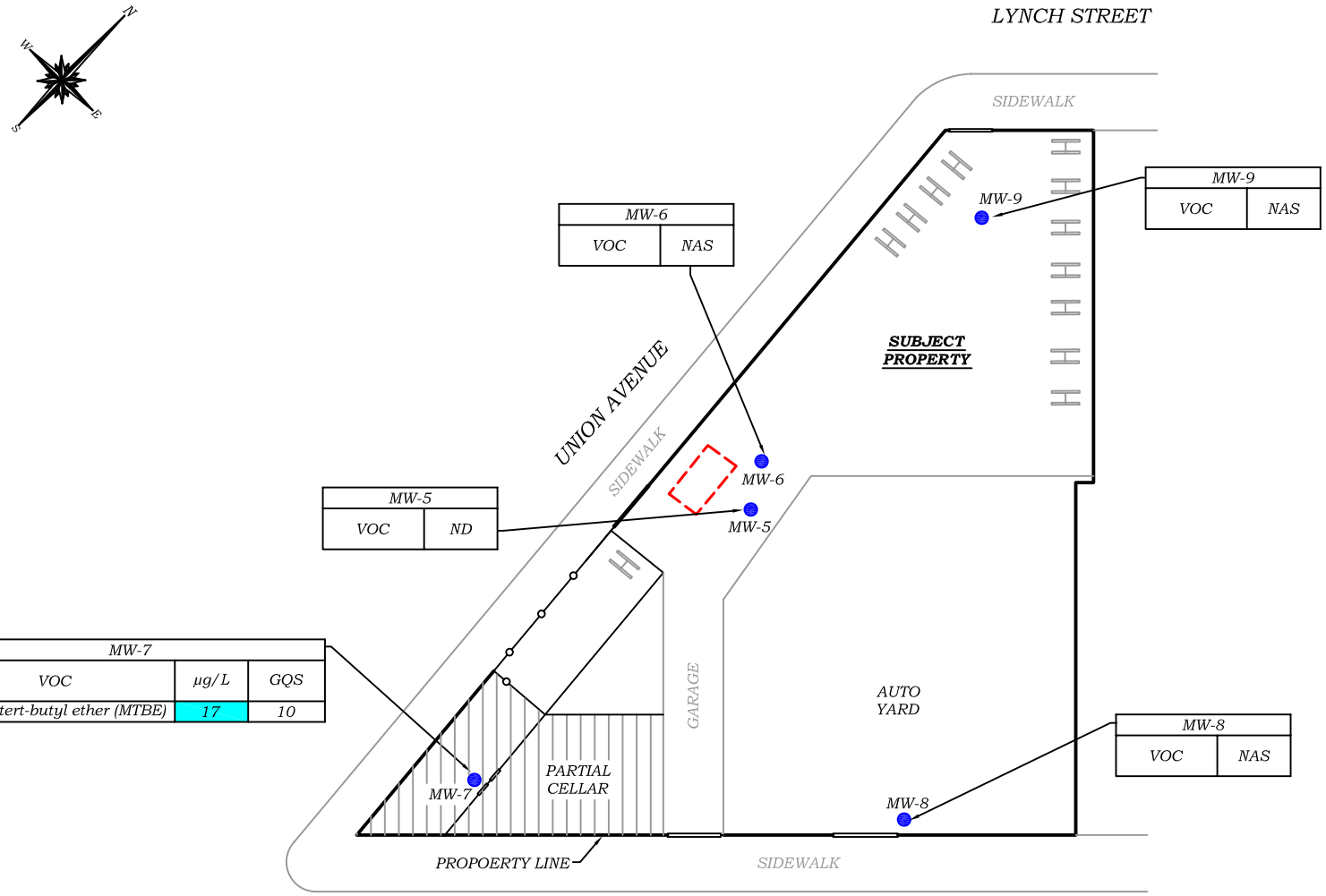
HYDRO TECH ENVIRONMENTAL CORP.
MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877
NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 9: MAP OF METALS IN SOIL



LEGEND:

●	MONITORING WELL LOCATIONS (MW)
VOC	VOLATILE ORGANIC COMPOUND
µg/L	MICROGRAM PER LITER
ND	NONE DETECTED
NAS	NONE ABOVE STANDARDS
GQS	GROUNDWATER QUALITY STANDARDS
	SHADED VALUES EXCEED GQS

0' 20' 40' 60'
SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

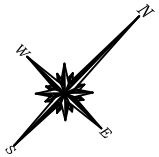
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 10: MAP OF VOCs IN GROUNDWATER



LYNCH STREET

SIDEWALK

MW-9		
SVOC	µg/L	GQS
Bis(2-ethylhexyl)phthalate	29	5

MW-6	
SVOC	ND

UNION AVENUE

SUBJECT PROPERTY

MW-5		
SVOC	µg/L	GQS
Benzo(a)anthracene	0.092	0.002
Benzo(a)pyrene	0.062	0.002
Chrysene	0.10	0.002

SIDEWALK

MW-9

MW-6

MW-5

MW-7		
SVOC	µg/L	GQS
Benzo(a)anthracene	1.32	0.002
Benzo(a)pyrene	0.86	0.002
Benzo(b)fluoranthene	0.26	0.002
Benzo(k)fluoranthene	0.52	0.002
Indeno(1,2,3-cd)pyrene	0.40	0.002

GARAGE

AUTO YARD

MW-8	
SVOC	NAS

MW-7

PARTIAL CELLAR

MW-8

PROPOERTY LINE

SIDEWALK

MIDDLETON STREET

LEGEND:

- ● MONITORING WELL LOCATIONS (MW)
- SVOC SEMI VOLATILE ORGANIC COMPOUND
- µg/L MICROGRAM PER LITER
- ND NONE DETECTED
- NAS NONE ABOVE STANDARDS
- GQS GROUNDWATER QUALITY STANDARDS
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

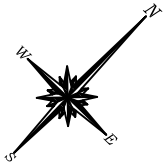
www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job # 140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 11: MAP OF SVOCs IN GROUNDWATER



LYNCH STREET

SIDEWALK

MW-6		
Dissolved METALS	µg/L	GQS
Manganese	1,950	300

MW-9		
Dissolved METALS	µg/L	GQS
Magnesium	69,400	35,000
Manganese	5,040	300
Sodium	91,200	20,000

MW-9

UNION AVENUE

SUBJECT PROPERTY

MW-5		
Dissolved METALS	µg/L	GQS
Sodium	23,100	20,000

SIDEWALK

MW-6

MW-5

MW-7		
Dissolved METALS	µg/L	GQS
Sodium	75,300	20,000

GARAGE

AUTO YARD

MW-8		
Dissolved METALS	µg/L	GQS
Manganese	1,950	300

MW-7

PARTIAL CELLAR

MW-8

PROPOERTY LINE

SIDEWALK

MIDDLETON STREET

LEGEND:

- MONITORING WELL LOCATIONS (MW)
- µg/L MICROGRAM PER LITER
- GQS GROUNDWATER QUALITY STANDARDS
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 12: MAP OF DISSOLVED METALS IN GROUNDWATER

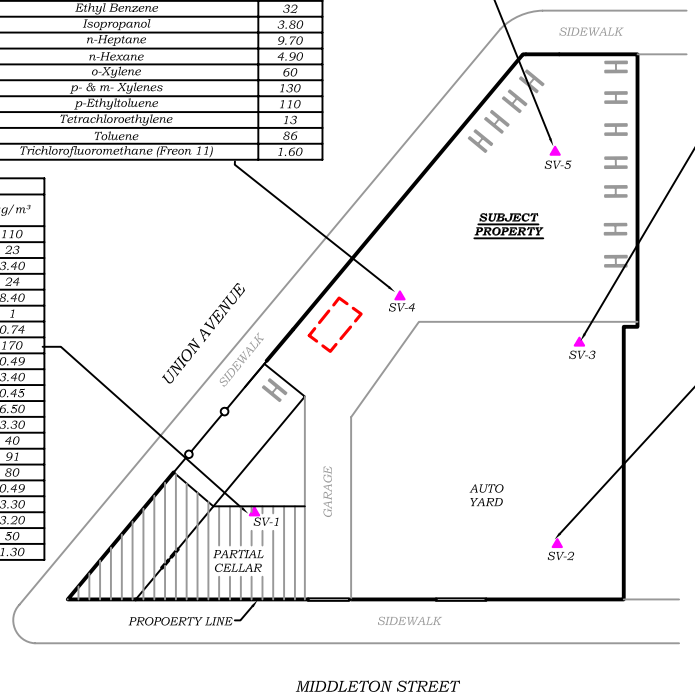
SV-5	
VOC	µg/m³
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	26
2-Butanone	9.70
Acetone	120
Benzene	6.50
Carbon Disulfide	0.98
Chloroform	1
Cyclohexane	2.90
Dichlorodifluoromethane	2.30
Ethyl acetate	0.77
Ethyl Benzene	32
Isopropanol	25
Methylene chloride	6.90
n-Heptane	13
n-Hexane	18
o-Xylene	55
p-Ethyltoluene	95
Tetrachloroethylene	12
Tetrahydrofuran	33
Toluene	87
Trichlorofluoromethane (Freon 11)	2.90

SV-4	
VOC	µg/m³
1,2,4-Trimethylbenzene	130
1,3,5-Trimethylbenzene	31
2-Butanone	4.40
2-Hexanone	2.60
4-Methyl-2-pentanone	0.55
Acetone	46
Benzene	3.10
Cyclohexane	1.30
Dichlorodifluoromethane	1.60
Ethyl Benzene	32
Isopropanol	3.80
n-Heptane	9.70
n-Hexane	4.90
o-Xylene	60
p- & m- Xylenes	130
p-Ethyltoluene	110
Tetrachloroethylene	13
Toluene	86
Trichlorofluoromethane (Freon 11)	1.60

SV-3	
VOC	µg/m³
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.78
1,2,4-Trimethylbenzene	110
1,3,5-Trimethylbenzene	26
2-Butanone	26
2-Hexanone	13
Acetone	740
Benzene	3.80
Carbon Disulfide	16
Cyclohexane	1.50
Dichlorodifluoromethane	1.70
Ethyl Benzene	24
Isopropanol	14
Methylene chloride	0.71
n-Heptane	9.70
n-Hexane	6.10
o-Xylene	43
p- & m- Xylenes	99
p-Ethyltoluene	90
Tetrachloroethylene	26
Toluene	57
Trichlorofluoromethane (Freon 11)	1.80

SV-1	
VOC	µg/m³
1,2,4-Trimethylbenzene	110
1,3,5-Trimethylbenzene	23
2-Butanone	3.40
Acetone	24
Benzene	8.40
Carbon Disulfide	1
Cyclohexane	0.74
Dichlorodifluoromethane	170
Ethyl Benzene	0.49
Isopropanol	3.40
Methyl tert-butyl ether (MTBE)	0.45
n-Heptane	6.50
n-Hexane	3.30
o-Xylene	40
p- & m- Xylenes	91
p-Ethyltoluene	80
Styrene	0.49
Tetrachloroethylene	3.30
Tetrahydrofuran	3.20
Toluene	50
Trichlorofluoromethane (Freon 11)	1.30

SV-2	
VOC	µg/m³
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	22
2-Butanone	22
2-Hexanone	7.80
Acetone	530
Benzene	0.65
Carbon Disulfide	1.40
Chloroform	0.89
Dichlorodifluoromethane	1.60
Ethyl Benzene	11
Isopropanol	9.90
n-Heptane	2.40
n-Hexane	1.40
o-Xylene	26
p- & m- Xylenes	58
p-Ethyltoluene	71
Styrene	1.50
Tetrachloroethylene	2
Tetrahydrofuran	1.50
Toluene	28
Trichlorofluoromethane (Freon 11)	1.40



LEGEND:

▲ SOIL VAPOR IMPLANT LOCATIONS (SV)

VOC VOLATILE ORGANIC COMPOUND

µg/m³ MICROGRAMS PER CUBIC METER

0' 20' 40' 60'
SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com

120 Union Avenue
Brooklyn, NY.
HTE Job #140005

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/03/14
Scale: AS NOTED

TITLE:

FIGURE 13: MAP OF SOIL VAPORS

TABLES

Table 1
Groundwater Monitoring Data
120 Union Avenue, Brooklyn NY

Well ID	Benchmark	Shot	DTP	DTW	Product Thickness	Water Table Elevation (ft)
MW-1	30	7.18	8.91	8.93	0.02	13.89*
MW-5	30	7.14	ND	5.94	ND	16.92
MW-6	30	8.36	ND	6.07	ND	15.57
MW-7	30	15.98	ND	1.03	ND	12.99
MW-8	30	7.4	ND	6.47	ND	16.13
MW-9	30	5.78	ND	7.99	ND	16.23

All values reported in feet.

DTW…Depth to Water

DTP…Depth to Product

ND…None Detected

*...Corrected Groundwater Elev. = Calculated GE + [product thickness - (product thickness x specific gravity)]

specific gravity is assumed to be 0.95

Table 2
Soil Samples Analytical Results for VOCs
120 Union Avenue, Brooklyn, NY

Sample ID	SB-1 0-2ft		SB-1 2-4ft		SB-2 0-2ft		SB-2 6-8ft		SB-3 0-2ft		SB-3 6-8ft		SB-4 0-2ft		SB-4 6-8ft		SB-5 0-2ft		SB-5 6-8ft		SB-6 0-2ft		SB-6 6-8ft		SB-7 0-2ft		SB-7 6-8ft		SB-8 0-2ft		SB-8 6-8ft		SB-9 0-2ft		SB-9 6-8ft		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Sampling Date	4/21/2014		4/21/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014			
Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
1,1,1,2-Tetrachloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,1,1-Trichloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.68	100
1,1,2,2-Tetrachloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,1,2-Trichloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,1-Dichloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.27	26
1,1-Dichloroethylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.33	100
1,1-Dichloropropylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,2,3-Trichlorobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,2,3-Trichloropropane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,2,4-Trichlorobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,2,4-Trimethylbenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	3.6	52
1,2-Dibromo-3-chloropropane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,2-Dibromoethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,2-Dichlorobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	1.1	100
1,2-Dichloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.02	3.1
1,2-Dichloropropane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,3,5-Trimethylbenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	8.4	52
1,3-Dichlorobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	2.4	49
1,3-Dichloropropane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
1,4-Dichlorobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	1.8	13
1,4-Dioxane	0.044	U	0.043	U	0.045	U	0.041	U	0.055	U	0.046	U	0.051	U	0.080	U	0.061	U	0.040	U	0.051	U	0.12	U	0.12	U	0.041	U	0.050	U	0.045	U	0.047	U	0.038	U	0.1	13
2,2-Dichloropropane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
2-Butanone	**0.0027**	J	0.0021	U	**0.0099**		0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	**0.0037**	J	0.0019	U	0.12	100
2-Chlorotoluene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
4-Chlorotoluene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Acetone	**0.033**	B	**0.016**	B	**0.071**		**0.0069**	JB	**0.011**	J	**0.0079**	JB	**0.021**	B	**0.061**	B	**0.018**	B	**0.0072**	JB	**0.010**	B	**0.018**	JB	**0.026**	B	**0.0055**	JB	**0.0099**	JB	**0.011**	B	**0.034**	B	**0.0063**	JB	0.05	100
Benzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.06	4.8
Bromobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Bromochloromethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Bromodichloromethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Bromoform	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Bromomethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Carbon tetrachloride	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.76	2.4
Chlorobenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	1.1	100
Chloroethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Chloroform	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.37	49
Chloromethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
cis-1,2-Dichloroethylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.25	100
cis-1,3-Dichloropropylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Dibromochloromethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Dibromomethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Dichlorodifluoromethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Ethyl Benzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	1	41
Hexachlorobutadiene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Isopropylbenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Methyl tert-butyl ether (MTBE)	0.0022	U	**0.0028**	J	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.93	100
Methylene chloride	0.0022	U	0.0021	U	0.0023	U	0.0021	U	**0.0039**	J	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.05	100
Naphthalene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	**0.042**	B	**0.0074**	JB	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	12	100
n-Butylbenzene	**0.0026**	J	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	12	100
n-Propylbenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	3.9	100
o-Xylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
p- & m- Xylenes	0.0044	U	0.0043	U	0.0045	U	0.0041	U	0.0055	U	0.0046	U	0.0051	U	0.0080	U	0.0061	U	0.0040	U	0.0051	U	0.012	U	0.012	U	0.0041	U	0.0050	U	0.0045	U	0.0047	U	0.0038	U	NS	NS
p-Isopropyltoluene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
sec-Butylbenzene	**0.0029**	J	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	11	100
Styrene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
tert-Butylbenzene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	5.9	100
Tetrachloroethylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	**0.027**		0.0036	J	0.0024	U	0.0019	U	1.3	19
Toluene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	**0.0071**		0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	**0.0026**	J	0.0019	U	0.7	100
trans-1,2-Dichloroethylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.19	100
trans-1,3-Dichloropropylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Trichloroethylene	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.47	21
Trichlorofluroromethane	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Vinyl acetate	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	NS	NS
Vinyl Chloride	0.0022	U	0.0021	U	0.0023	U	0.0021	U	0.0027	U	0.0023	U	0.0025	U	0.0040	U	0.0030	U	0.0020	U	0.0026	U	0.0062	U	0.0061	U	0.0020	U	0.0025	U	0.0023	U	0.0024	U	0.0019	U	0.02	0.9
Xylenes, Total	0.0067	U	0.0064	U	0.0068	U	0.0062	U	0.0082	U	0.0069	U	0.0076	U	0.012	U	0.0091	U	0.0060	U	0.0077	U	0.019	U	0.018	U	0.0061	U	0.0075	U	0.0068	U	0.0071	U	0.0058	U	0.26	100

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2 (Cont.)
Soil Samples Analytical Results for SVOCs
120 Union Avenue, Brooklyn, NY

Sample ID	SB-1 0-2ft		SB-1 2-4ft		SB-2 0-2ft		SB-2 6-8ft		SB-3 0-2ft		SB-3 6-8ft		SB-4 0-2ft		SB-4 6-8ft		SB-5 0-2ft		SB-5 6-8ft		SB-6 0-2ft		SB-6 6-8ft		SB-7 0-2ft		SB-7 6-8ft		SB-8 0-2ft		SB-8 6-8ft		SB-9 0-2ft		SB-9 6-8ft		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Sampling Date	4/21/2014		4/21/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014			
Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
1,2,4-Trichlorobenzene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
1,2-Dichlorobenzene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	1.1	100
1,3-Dichlorobenzene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	2.4	49
1,4-Dichlorobenzene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	1.8	13
2,4,5-Trichlorophenol	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2,4,6-Trichlorophenol	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2,4-Dichlorophenol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
2,4-Dimethylphenol	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2,4-Dinitrophenol	0.21	U	0.20	U	9.31	U	0.19	U	2.15	U	1.03	U	2.07	U	0.25	U	0.19	U	0.19	U	2.06	U	0.19	U	0.19	U	0.20	U	0.18	U	0.19	U	0.38	U	0.20	U	NS	NS
2,4-Dinitrotoluene	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
2,6-Dinitrotoluene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2-Chloronaphthalene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2-Chlorophenol	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2-Methylnaphthalene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2-Methylphenol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	0.33	100
2-Nitroaniline	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
2-Nitrophenol	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
3- & 4-Methylphenols	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
3,3'-Dichlorobenzidine	0.21	U	0.20	U	9.31	U	0.19	U	2.15	U	1.03	U	2.07	U	0.25	U	0.19	U	0.19	U	2.06	U	0.19	U	0.19	U	0.20	U	0.18	U	0.19	U	0.38	U	0.20	U	NS	NS
3-Nitroaniline	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
4,6-Dinitro-2-methylphenol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
4-Bromophenyl phenyl ether	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
4-Chloro-3-methylphenol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
4-Chloroaniline	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
4-Chlorophenyl phenyl ether	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
4-Nitroaniline	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
4-Nitrophenol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
Acenaphthene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	**0.63**	JD	0.52	U	0.062	U	**0.051**	J	0.048	U	0.52	U	0.048	U	**0.076**	J	**0.11**	J	0.045	U	0.048	U	0.096	U	0.049	U	20	100
Acenaphthylene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	**0.54**	JD	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	100	100
Aniline	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Anthracene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	**1.41**	D	0.52	U	0.062	U	**0.11**	J	0.048	U	0.52	U	**0.14**	J	**0.21**		**0.22**		0.045	U	0.048	U	**0.30**	JD	0.049	U	100	100
Benzo(a)anthracene	0.052	U	0.050	U	2.34	U	0.048	U	**1.47**	JD	**1.62**	D	0.52	U	0.062	U	**0.25**		0.048	U	**3.07**	D	**0.22**		**0.54**		**0.36**		**0.13**	J	0.048	U	**0.84**	D	0.049	U	1	1
Benzo(a)pyrene	0.052	U	0.050	U	2.34	U	0.048	U	**1.08**	JD	**0.92**	JD	0.52	U	0.062	U	**0.21**		0.048	U	**4.43**	D	**0.19**		**0.31**		**0.14**	J	**0.082**	J	0.048	U	**0.49**	D	0.049	U	1	1
Benzo(b)fluoranthene	0.052	U	0.050	U	2.34	U	0.048	U	**1.18**	JD	**1.24**	D	0.52	U	0.062	U	**0.26**		0.048	U	**2.52**	D	**0.14**	J	**0.37**		**0.19**	J	**0.18**	J	0.048	U	**0.70**	D	0.049	U	1	1
Benzo(g,h,i)perylene	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	**0.13**	J	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	100	100
Benzo(k)fluoranthene	0.052	U	0.050	U	2.34	U	0.048	U	**1.32**	JD	**1.33**	D	0.52	U	0.062	U	**0.096**	J	0.048	U	**2.98**	D	**0.16**	J	**0.41**		**0.20**	J	**0.10**	J	0.048	U	**0.26**	JD	0.049	U	0.8	3.9
Benzyl alcohol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
Benzyl butyl phthalate	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	**0.68**	JD	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Bis(2-chloroethoxy)methane	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Bis(2-chloroethyl)ether	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Bis(2-chloroisopropyl)ether	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Bis(2-ethylhexyl)phthalate	0.052	U	**0.17**	J	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Chrysene	0.052	U	0.050	U	2.34	U	0.048	U	**1.59**	JD	**1.82**	D	0.52	U	0.062	U	**0.20**		0.048	U	**2.71**	D	**0.20**		**0.54**		**0.34**		**0.14**	J	0.048	U	**0.81**	D	0.049	U	1	3.9
Dibenzo(a,h)anthracene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	**0.053**	J	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	0.33	0.33
Dibenzofuran	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	**0.071**	J	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	7	59
Diethyl phthalate	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Dimethyl phthalate	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	**0.18**	J	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Di-n-butyl phthalate	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Di-n-octyl phthalate	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Fluoranthene	0.052	U	0.050	U	2.34	U	0.048	U	**2.16**	D	**4.93**	D	0.52	U	0.062	U	**0.58**		0.048	U	**5.46**	D	**0.46**		**1.10**		**0.64**		**0.24**		0.048	U	**1.58**	D	**0.073**	J	100	100
Fluorene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	**0.72**	JD	0.52	U	0.062	U	**0.051**	J	0.048	U	0.52	U	**0.074**	J	**0.084**	J	**0.095**	J	0.045	U	0.048	U	0.096	U	0.049	U	30	100
Hexachlorobenzene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	0.33	1.2
Hexachlorobutadiene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Hexachlorocyclopentadiene	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
Hexachloroethane	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Indeno(1,2,3-cd)pyrene	0.052	U	0.050	U	2.34	U	0.048	U	**0.68**	JD	**0.50**	JD	0.52	U	0.062	U	**0.079**	J	0.048	U	**0.62**	JD	0.048	U	0.048	U	**0.051**	J	0.045	U	0.048	U	0.096	U	0.049	U	0.5	0.5
Isophorone	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Naphthalene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	**0.18**	J	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	12	100
Nitrobenzene	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
N-Nitrosodimethylamine	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	NS	NS
N-nitroso-di-n-propylamine	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
N-Nitrosodiphenylamine	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS
Pentachlorophenol	0.10	U	0.10	U	4.68	U	0.097	U	1.08	U	0.52	U	1.04	U	0.12	U	0.095	U	0.095	U	1.04	U	0.095	U	0.097	U	0.10	U	0.090	U	0.095	U	0.19	U	0.098	U	0.8	6.7
Phenanthrene	0.052	U	0.050	U	2.34	U	0.048	U	**1.39**	JD	**5.37**	D	0.52	U	0.062	U	**0.44**		0.048	U	**1.01**	JD	**0.51**		**1.11**		**0.81**		**0.17**	J	0.048	U	**1.29**	D	**0.052**	J	100	100
Phenol	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	0.33	100
Pyrene	0.052	U	0.050	U	2.34	U	0.048	U	**2.41**	D	**2.92**	D	**0.55**	JD	0.062	U	**0.36**		0.048	U	**4.20**	D	**0.38**		**1.02**		**0.70**		**0.25**		0.048	U	**1.63**	D	**0.068**	J	100	100
Pyridine	0.052	U	0.050	U	2.34	U	0.048	U	0.54	U	0.26	U	0.52	U	0.062	U	0.048	U	0.048	U	0.52	U	0.048	U	0.048	U	0.051	U	0.045	U	0.048	U	0.096	U	0.049	U	NS	NS

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2 (Cont.)
Soil Samples Analytical Results for Pesticides and PCBs
120 Union Avenue, Brooklyn, NY

Sample ID	SB-1 0-2ft		SB-1 2-4ft		SB-2 0-2ft		SB-2 6-8ft		SB-3 0-2ft		SB-3 6-8ft		SB-4 0-2ft		SB-4 6-8ft		SB-5 0-2ft		SB-5 6-8ft		SB-6 0-2ft		SB-6 6-8ft		SB-7 0-2ft		SB-7 6-8ft		SB-8 0-2ft		SB-8 6-8ft		SB-9 0-2ft		SB-9 6-8ft		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Sampling Date	4/21/2014		4/21/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014			
Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
4,4'-DDD	0.0020	U	0.0020	U	0.0018	U	0.0019	U	**0.057**	D	**0.011**	D	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0033	13
4,4'-DDE	0.0020	U	0.0020	U	0.0018	U	0.0019	U	**0.20**	D	**0.091**	D	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0033	8.9
4,4'-DDT	0.0020	U	0.0020	U	**0.0063**	D	0.0019	U	**1.61**	D	**0.43**	D	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0033	7.9
Aldrin	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.005	0.097
alpha-BHC	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.02	0.48
Aroclor 1016	0.021	U	0.020	U	0.019	U	0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
Aroclor 1221	0.021	U	0.020	U	0.019	U	0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
Aroclor 1232	0.021	U	0.020	U	0.019	U	0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
Aroclor 1242	0.021	U	0.020	U	0.019	U	0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
Aroclor 1248	0.021	U	0.020	U	0.019	U	0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
Aroclor 1254	0.021	U	0.020	U	0.019	U	0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
Aroclor 1260	0.021	U	0.020	U	**0.041**		0.020	U	0.022	U	0.021	U	0.021	U	0.025	U	0.019	U	0.019	U	0.021	U	0.019	U	0.020	U	0.021	U	0.018	U	0.019	U	0.019	U	0.020	U	NS	NS
beta-BHC	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.036	0.36
Chlordane, total	0.0081	U	0.0079	U	**0.032**	D	0.0076	U	0.085	U	0.0081	U	0.0082	U	0.0098	U	0.0075	U	0.0075	U	0.0082	U	0.0075	U	0.0076	U	0.0080	U	0.0071	U	0.0075	U	0.0076	U	0.0077	U	NS	NS
delta-BHC	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.04	100
Dieldrin	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.005	0.2
Endosulfan I	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	2.4	24
Endosulfan II	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	2.4	24
Endosulfan sulfate	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	2.4	24
Endrin	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.014	11
Endrin aldehyde	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	NS	NS
Endrin ketone	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	NS	NS
gamma-BHC (Lindane)	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.1	1.3
Heptachlor	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.042	2.1
Heptachlor epoxide	0.0020	U	0.0020	U	0.0018	U	0.0019	U	0.021	U	0.0020	U	0.0020	U	0.0024	U	0.0019	U	0.0019	U	0.0020	U	0.0019	U	0.0019	U	0.0020	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	NS	NS
Methoxychlor	0.010	U	0.0099	U	0.0092	U	0.0095	U	0.11	U	0.010	U	0.010	U	0.012	U	0.0094	U	0.0093	U	0.010	U	0.0093	U	0.0095	U	0.0100	U	0.0088	U	0.0094	U	0.0094	U	0.0097	U	NS	NS
Total PCBs	0.0084	U	0.0081	U	**0.041**		0.0078	U	0.0087	U	0.0084	U	0.0084	U	0.010	U	0.0077	U	0.0077	U	0.0084	U	0.0077	U	0.0078	U	0.0082	U	0.0073	U	0.0077	U	0.0078	U	0.0080	U	0.1	1
Toxaphene	0.10	U	0.100	U	0.093	U	0.096	U	1.07	U	0.10	U	0.10	U	0.12	U	0.019	U	0.095	U	0.10	U	0.094	U	0.096	U	0.10	U	0.089	U	0.095	U	0.096	U	0.098	U	NS	NS

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2 (Cont.)
Soil Samples Analytical Results for TAL Metals
120 Union Avenue, Brooklyn, NY

Sample ID	SB-1 0-2ft		SB-1 2-4ft		SB-2 0-2ft		SB-2 6-8ft		SB-3 0-2ft		SB-3 6-8ft		SB-4 0-2ft		SB-4 6-8ft		SB-5 0-2ft		SB-5 6-8ft		SB-6 0-2ft		SB-6 6-8ft		SB-7 0-2ft		SB-7 6-8ft		SB-8 0-2ft		SB-8 6-8ft		SB-9 0-2ft		SB-9 6-8ft		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Sampling Date	4/21/2014		4/21/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/17/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014			
Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg			
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Aluminum	**14,100**		**9,260**		2,650		6,450		**6,480**		**3,990**		**4,350**		**6,640**		**8,350**		**6,390**		**5,560**		**6,430**		**8,880**		**9,050**		**7,720**		**8,720**		**8,000**		**8,670**		NS	NS
Antimony	0.62	U	0.60	U	**1.33**		0.58	U	**1.23**		**1.96**		0.62	U	0.74	U	0.57	U	0.57	U	0.62	U	0.57	U	0.58	U	0.60	U	0.54	U	0.57	U	0.57	U	0.59	U	NS	NS
Arsenic	**6.25**		**3.64**		**8.86**		**1.94**		**19.80**		**23.10**		**10.50**		**10.40**		**2.69**		**8.42**		**9.66**		**1.55**		**9.34**		**6.37**		**13.30**		**3.28**		**5.05**		**3.12**		13	16
Barium	**106**		**73.50**		**309**		**36**		**817**		**4,070**		**140**		**282**		**61.60**		**194**		**164**		**39.10**		**193**		**145**		**313**		**42.50**		**303**		**54.70**		350	400
Beryllium	0.12	U	0.12	U	0.11	U	0.12	U	0.13	U	0.12	U	0.12	U	0.15	U	0.11	U	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.12	U	7.2	72
Cadmium	**0.77**		**0.48**		**3.13**		**0.39**		**2.06**		**3.13**		**2.93**		0.69		**0.46**		**0.43**		**0.49**		**0.34**		**0.96**		**0.63**		**0.62**		**0.46**		**0.86**		**0.73**		2.5	4.3
Calcium	**2,010**		**1,820**		**93,400**		**1,430**		**24,300**		**71,800**		**67,600**		**5,310**		**8,890**		**4,980**		**13,000**		**1,320**		**8,290**		**2,210**		**7,310**		**1,040**		**53,400**		**6,310**		NS	NS
Chromium, Hexavalent	0.62	U	0.60	U	0.56	U	0.58	U	0.64	U	0.62	U	0.62	U	0.74	U	0.57	U	0.57	U	0.62	U	0.57	U	0.58	U	0.60	U	0.54	U	0.57	U	0.57	U	0.59	U	1	110
Chromium, Trivalent	**26.20**		**17**		**13.10**		**9.63**		**13.20**		**10.80**		**14**		**7.07**		**11**		**12**		**10.20**		**11.20**		**16.90**		**15.50**		**13.90**		**12.70**		**14.20**		**18.50**		30	180
Cobalt	**16.50**		**11.60**		**2.82**		**5.68**		**5.34**		0.62	U	**6.37**		**10.60**		**6.31**		**6.56**		**6.64**		**6.16**		**7.25**		**6.68**		**5.05**		**7.31**		**8.74**		**7.32**		NS	NS
Copper	**25.50**		**16**		**144**		**13.30**		**60.40**		**31.20**		**183**		**66.60**		**21**		**125**		**73.30**		**14.60**		**157**		**69**		**31.60**		**13.20**		**41.90**		**19.80**		50	270
Iron	**20,800**		**16,200**		**11,500**		**11,300**		**14,500**		**12,000**		**11,100**		**12,400**		**9,850**		**14,300**		**11,900**		**13,200**		**18,100**		**17,300**		**15,900**		**16,300**		**12,800**		**20,700**		NS	NS
Lead	**7.39**		**7.32**		**391**		**12.60**		**780**		**876**		**348**		**179**		**63**		**304**		**267**		**6.59**		**165**		**205**		**208**		**9.11**		**450**		**58.10**		63	400
Magnesium	**4,440**		**2,920**		**50,900**		**1,660**		**3,790**		**2,790**		**36,900**		**491**		**2,600**		**1,910**		**653**		**1,550**		**1,330**		**2,240**		**1,180**		**2,170**		**4,870**		**1,880**		NS	NS
Manganese	**201**		**170**		**246**		**183**		**194**		**234**		**183**		**265**		**104**		**297**		**125**		**346**		**237**		**279**		**173**		**293**		**274**		**299**		1600	2000
Mercury	0.041	U	0.039	U	0.037	U	0.038	U	0.042	U	0.041	U	0.041	U	0.049	U	0.038	U	0.037	U	0.041	U	0.037	U	0.038	U	0.040	U	0.035	U	0.037	U	0.038	U	0.039	U	0.18	0.81
Nickel	**28.50**		**21.80**		**31.50**		**15.30**		**22.10**		**11.30**		**24.50**		**20.40**		**15.80**		**24**		**16**		**13.50**		**19.80**		**18.20**		**16.20**		**15.90**		**20.90**		**15.80**		30	310
Potassium	**1,780**		**1,240**		**430**		**661**		**1,220**		**606**		**537**		**507**		**947**		**742**		**724**		**795**		**994**		**979**		**945**		**851**		**4,140**		**962**		NS	NS
Selenium	1.23	U	1.19	U	1.11	U	1.15	U	1.29	U	1.23	U	1.24	U	1.48	U	1.14	U	1.13	U	1.24	U	1.13	U	1.15	U	1.21	U	1.07	U	1.13	U	1.14	U	1.17	U	3.9	180
Silver	0.62	U	0.60	U	**14.50**		0.58	U	0.64	U	0.62	U	0.62	U	0.74	U	0.57	U	0.57	U	0.62	U	0.57	U	0.58	U	0.60	U	0.54	U	0.57	U	0.57	U	0.59	U	2	180
Sodium	**165**		**125**		**274**		**90.70**		**767**		**475**		**274**		**582**		**350**		**274**		**947**		**77.90**		**407**		**149**		**447**		**79**		**1,070**		**188**		NS	NS
Thallium	1.23	U	1.19	U	1.11	U	1.15	U	1.29	U	1.23	U	1.24	U	1.48	U	1.14	U	1.13	U	1.24	U	1.13	U	1.15	U	1.21	U	1.07	U	1.13	U	1.14	U	1.17	U	NS	NS
Vanadium	**35.80**		**36.80**		**25**		**17.70**		**29.90**		**24.10**		**19.90**		**32.20**		**15.50**		**22.70**		**20.10**		**25.10**		**28.50**		**26.80**		**24.40**		**24.70**		**20.70**		**31.80**		NS	NS
Zinc	**67.10**		**45.70**		**364**		**39.80**		**1,120**		**1,180**		**235**		**150**		**72.60**		**288**		**111**		**23.20**		**126**		**150**		**105**		**25.90**		**152**		**41.80**		109	10000

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2 (Cont.)
Blanks Analytical Results for VOCs
120 Union Avenue, Brooklyn, NY

Sample ID	Field Blank		Field blank	
Sampling Date	4/21/2014		4/21/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
1,1,1,2-Tetrachloroethane	2.5	U	2.5	U
1,1,1-Trichloroethane	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U	2.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U	2.5	U
1,1,2-Trichloroethane	2.5	U	2.5	U
1,1-Dichloroethane	2.5	U	2.5	U
1,1-Dichloroethylene	2.5	U	2.5	U
1,1-Dichloropropylene	2.5	U	2.5	U
1,2,3-Trichlorobenzene	2.5	U	2.5	U
1,2,3-Trichloropropane	2.5	U	2.5	U
1,2,4-Trichlorobenzene	2.5	U	2.5	U
1,2,4-Trimethylbenzene	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	2.5	U	2.5	U
1,2-Dibromoethane	2.5	U	2.5	U
1,2-Dichlorobenzene	2.5	U	2.5	U
1,2-Dichloroethane	2.5	U	2.5	U
1,2-Dichloropropane	2.5	U	2.5	U
1,3,5-Trimethylbenzene	2.5	U	2.5	U
1,3-Dichlorobenzene	2.5	U	2.5	U
1,3-Dichloropropane	2.5	U	2.5	U
1,4-Dichlorobenzene	2.5	U	2.5	U
2,2-Dichloropropane	2.5	U	2.5	U
2-Butanone	2.5	U	2.5	U
2-Chlorotoluene	2.5	U	2.5	U
4-Chlorotoluene	2.5	U	2.5	U
Acetone	**6.0**		**5.7**	
Benzene	2.5	U	2.5	U
Bromobenzene	2.5	U	2.5	U
Bromochloromethane	2.5	U	2.5	U
Bromodichloromethane	2.5	U	2.5	U
Bromoform	2.5	U	2.5	U
Bromomethane	2.5	U	2.5	U
Carbon tetrachloride	2.5	U	2.5	U
Chlorobenzene	2.5	U	2.5	U
Chloroethane	2.5	U	2.5	U
Chloroform	2.5	U	2.5	U
Chloromethane	2.5	U	2.5	U
cis-1,2-Dichloroethylene	2.5	U	2.5	U
cis-1,3-Dichloropropylene	2.5	U	2.5	U
Dibromochloromethane	2.5	U	2.5	U
Dibromomethane	2.5	U	2.5	U
Dichlorodifluoromethane	2.5	U	2.5	U
Ethyl Benzene	2.5	U	2.5	U
Hexachlorobutadiene	2.5	U	2.5	U
Isopropylbenzene	2.5	U	2.5	U
Methyl tert-butyl ether (MTBE)	2.5	U	2.5	U
Methylene chloride	2.5	U	2.5	U
n-Butylbenzene	2.5	U	2.5	U
n-Propylbenzene	2.5	U	2.5	U
Naphthalene	2.5	U	2.5	U
o-Xylene	2.5	U	2.5	U
p- & m- Xylenes	5.0	U	5.0	U
p-Isopropyltoluene	2.5	U	2.5	U
sec-Butylbenzene	2.5	U	2.5	U
Styrene	2.5	U	2.5	U
tert-Butylbenzene	2.5	U	2.5	U
Tetrachloroethylene	2.5	U	2.5	U
Toluene	2.5	U	2.5	U
trans-1,2-Dichloroethylene	2.5	U	2.5	U
trans-1,3-Dichloropropylene	2.5	U	2.5	U
Trichloroethylene	2.5	U	2.5	U
Trichlorofluoromethane	2.5	U	2.5	U
Vinyl acetate	2.5	U	2.5	U
Vinyl Chloride	2.5	U	2.5	U

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample

Table 2 (Cont.)
Blanks Analytical Results for SVOCs
120 Union Avenue, Brooklyn, NY

Sample ID	Field Blank		Field blank	
Sampling Date	4/21/2014		4/21/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
1,2,4-Trichlorobenzene	2.56	U	NT	
1,2-Dichlorobenzene	2.56	U	NT	
1,3-Dichlorobenzene	2.56	U	NT	
1,4-Dichlorobenzene	2.56	U	NT	
2,4,5-Trichlorophenol	2.56	U	NT	
2,4,6-Trichlorophenol	2.56	U	NT	
2,4-Dichlorophenol	2.56	U	NT	
2,4-Dimethylphenol	2.56	U	NT	
2,4-Dinitrophenol	2.56	U	NT	
2,4-Dinitrotoluene	2.56	U	NT	
2,6-Dinitrotoluene	2.56	U	NT	
2-Chloronaphthalene	2.56	U	NT	
2-Chlorophenol	2.56	U	NT	
2-Methylnaphthalene	2.56	U	NT	
2-Methylphenol	2.56	U	NT	
2-Nitroaniline	2.56	U	NT	
2-Nitrophenol	2.56	U	NT	
3,3'-Dichlorobenzidine	2.56	U	NT	
3- & 4-Methylphenols	2.56	U	NT	
3-Nitroaniline	2.56	U	NT	
4,6-Dinitro-2-methylphenol	2.56	U	NT	
4-Bromophenyl phenyl ether	2.56	U	NT	
4-Chloro-3-methylphenol	2.56	U	NT	
4-Chloroaniline	2.56	U	NT	
4-Chlorophenyl phenyl ether	2.56	U	NT	
4-Nitroaniline	2.56	U	NT	
4-Nitrophenol	2.56	U	NT	
Acenaphthene	0.0513	U	NT	
Acenaphthylene	0.0513	U	NT	
Aniline	2.56	U	NT	
Anthracene	0.0513	U	NT	
Benzo(a)anthracene	0.0513	U	NT	
Benzo(a)pyrene	0.0513	U	NT	
Benzo(b)fluoranthene	0.0513	U	NT	
Benzo(g,h,i)perylene	0.0513	U	NT	
Benzo(k)fluoranthene	0.0513	U	NT	
Benzyl alcohol	2.56	U	NT	
Benzyl butyl phthalate	2.56	U	NT	
Bis(2-chloroethoxy)methane	2.56	U	NT	
Bis(2-chloroethyl)ether	2.56	U	NT	
Bis(2-chloroisopropyl)ether	2.56	U	NT	
Bis(2-ethylhexyl)phthalate	**2.37**	B	NT	
Chrysene	0.0513	U	NT	
Di-n-butyl phthalate	2.56	U	NT	
Di-n-octyl phthalate	2.56	U	NT	
Dibenzo(a,h)anthracene	0.0513	U	NT	
Dibenzofuran	2.56	U	NT	
Diethyl phthalate	2.56	U	NT	
Dimethyl phthalate	2.56	U	NT	
Fluoranthene	0.0513	U	NT	
Fluorene	0.0513	U	NT	
Hexachlorobenzene	0.0205	U	NT	
Hexachlorobutadiene	0.513	U	NT	
Hexachlorocyclopentadiene	2.56	U	NT	
Hexachloroethane	0.513	U	NT	
Indeno(1,2,3-cd)pyrene	0.0513	U	NT	
Isophorone	2.56	U	NT	
N-nitroso-di-n-propylamine	2.56	U	NT	
N-Nitrosodimethylamine	0.513	U	NT	
N-Nitrosodiphenylamine	2.56	U	NT	
Naphthalene	0.0513	U	NT	
Nitrobenzene	0.256	U	NT	
Pentachlorophenol	0.256	U	NT	
Phenanthrene	0.0513	U	NT	
Phenol	2.56	U	NT	
Pyrene	0.0513	U	NT	
Pyridine	2.56	U	NT	

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample

Table 2 (Cont.)
Blanks Analytical Results for Pesticides and PCBs
120 Union Avenue, Brooklyn, NY

Sample ID	Field Blank		Field blank	
Sampling Date	4/21/2014		4/21/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
4,4'-DDD	0.00400	U	NT	
4,4'-DDE	0.00400	U	NT	
4,4'-DDT	0.00400	U	NT	
Aldrin	0.00400	U	NT	
alpha-BHC	0.00400	U	NT	
Aroclor 1016	0.0500	U	NT	
Aroclor 1221	0.0500	U	NT	
Aroclor 1232	0.0500	U	NT	
Aroclor 1242	0.0500	U	NT	
Aroclor 1248	0.0500	U	NT	
Aroclor 1254	0.0500	U	NT	
Aroclor 1260	0.0500	U	NT	
beta-BHC	0.00400	U	NT	
Chlordane, total	0.0400	U	NT	
delta-BHC	0.00400	U	NT	
Dieldrin	0.00200	U	NT	
Endosulfan I	0.00400	U	NT	
Endosulfan II	0.00400	U	NT	
Endosulfan sulfate	0.00400	U	NT	
Endrin	0.00400	U	NT	
Endrin aldehyde	0.0100	U	NT	
Endrin ketone	0.0100	U	NT	
gamma-BHC (Lindane)	0.00400	U	NT	
Heptachlor	0.00400	U	NT	
Heptachlor epoxide	0.00400	U	NT	
Methoxychlor	0.00400	U	NT	
Total PCBs	0.0500	U	NT	
Toxaphene	0.100	U	NT	

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

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

Table 2 (Cont.)
Blanks Analytical Results for TAL Metals
120 Union Avenue, Brooklyn, NY

Sample ID	Field Blank		Field blank	
Sampling Date	4/21/2014		4/21/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
Aluminum	10	U	NT	
Antimony	5	U	NT	
Arsenic	4	U	NT	
Barium	10	U	NT	
Beryllium	1	U	NT	
Cadmium	3	U	NT	
Calcium	**3920**		NT	
Chromium, Trivalent	8.00	U	NT	
Chromium, Hexavalent	10.0	U	NT	
Cobalt	5	U	NT	
Copper	3	U	NT	
Iron	20	U	NT	
Lead	3	U	NT	
Magnesium	**830**		NT	
Manganese	5	U	NT	
Mercury	0.2	U	NT	
Nickel	5	U	NT	
Potassium	**722**		NT	
Selenium	10	U	NT	
Silver	5	U	NT	
Sodium	**6490**		NT	
Thallium	5	U	NT	
Vanadium	10	U	NT	
Zinc	**11**		NT	

NOTES:

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

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

Table 3
Groundwater Samples Analytical Results for VOCs
120 Union Avenue, Booklyn, NY

Sample ID	MW-5		MW-6		MW-7		MW-8		MW-9		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		
Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
1,1,1,2-Tetrachloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,1,1-Trichloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,1,2,2-Tetrachloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freo	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,1,2-Trichloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	1
1,1-Dichloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,1-Dichloroethylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,1-Dichloropropylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,2,3-Trichlorobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,2,3-Trichloropropane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	0.04
1,2,4-Trichlorobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,2,4-Trimethylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,2-Dibromo-3-chloropropane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	0.04
1,2-Dibromoethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,2-Dichlorobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	3
1,2-Dichloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	0.6
1,2-Dichloropropane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	1
1,3,5-Trimethylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,3-Dichlorobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	3
1,3-Dichloropropane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
1,4-Dichlorobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	3
2,2-Dichloropropane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
2-Butanone	2.50	U	**11**		2.50	U	2.50	U	2.50	U	2.50	U	50
2-Chlorotoluene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
4-Chlorotoluene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Acetone	2.50	U	2.50	U	**8.30**	B	**4.80**	JB	**2.50**	U	**3.70**	JB	50
Benzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	1
Bromobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Bromochloromethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Bromodichloromethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	50
Bromoform	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	50
Bromomethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Carbon tetrachloride	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Chlorobenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Chloroethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Chloroform	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	7
Chloromethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
cis-1,2-Dichloroethylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
cis-1,3-Dichloropropylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	0.4
Dibromochloromethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	50
Dibromomethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	NS
Dichlorodifluoromethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Ethyl Benzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Hexachlorobutadiene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	0.5
Isopropylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Methyl tert-butyl ether (MTBE)	2.50	U	2.50	U	**17**		2.50	U	2.50	U	2.50	U	10
Methylene chloride	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Naphthalene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	10
n-Butylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
n-Propylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
o-Xylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
p- & m- Xylenes	5	U	5	U	5	U	5	U	5	U	5	U	5
p-Isopropyltoluene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
sec-Butylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Styrene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
tert-Butylbenzene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Tetrachloroethylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Toluene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
trans-1,2-Dichloroethylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
trans-1,3-Dichloropropylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	0.4
Trichloroethylene	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Trichlorofluoromethane	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	5
Vinyl acetate	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	NS
Vinyl Chloride	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2.50	U	2

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 3 (Cont.)
Groundwater Samples Analytical Results for SVOCs
120 Union Avenue, Booklyn, NY

Sample ID	MW-5		MW-6		MW-7		MW-8		MW-9		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		
Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
1,2,4-Trichlorobenzene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
1,2-Dichlorobenzene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	3
1,3-Dichlorobenzene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	3
1,4-Dichlorobenzene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	3
2,4,5-Trichlorophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
2,4,6-Trichlorophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
2,4-Dichlorophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
2,4-Dimethylphenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
2,4-Dinitrophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	10
2,4-Dinitrotoluene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
2,6-Dinitrotoluene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
2-Chloronaphthalene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	10
2-Chlorophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
2-Methylnaphthalene	2.56	U	2.50	U	**50.90**		2.56	U	2.50	U	2.56	U	NS
2-Methylphenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
2-Nitroaniline	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
2-Nitrophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
3- & 4-Methylphenols	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
3,3'-Dichlorobenzidine	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
3-Nitroaniline	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
4,6-Dinitro-2-methylphenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
4-Bromophenyl phenyl ether	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
4-Chloro-3-methylphenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
4-Chloroaniline	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
4-Chlorophenyl phenyl ether	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
4-Nitroaniline	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
4-Nitrophenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
Acenaphthene	0.051	U	0.050	U	**8.18**		0.051	U	0.050	U	0.051	U	20
Acenaphthylene	0.051	U	0.050	U	**2.18**		0.051	U	0.050	U	0.051	U	NS
Aniline	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
Anthracene	0.051	U	0.050	U	**6.10**		0.051	U	0.070		0.051	U	50
Benzo(a)anthracene	**0.092**		0.050	U	**1.32**		0.051	U	0.050	U	0.051	U	0.002
Benzo(a)pyrene	**0.062**		0.050	U	**0.86**		0.051	U	0.050	U	0.051	U	0.002
Benzo(b)fluoranthene	0.051	U	0.050	U	**0.26**		0.051	U	0.050	U	0.051	U	0.002
Benzo(g,h,i)perylene	0.051	U	0.050	U	**0.39**		0.051	U	0.050	U	0.051	U	NS
Benzo(k)fluoranthene	0.051	U	0.050	U	**0.52**		0.051	U	0.050	U	0.051	U	0.002
Benzyl alcohol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
Benzyl butyl phthalate	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Bis(2-chloroethoxy)methane	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
Bis(2-chloroethyl)ether	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
Bis(2-chloroisopropyl)ether	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
Bis(2-ethylhexyl)phthalate	**2.98**		0.50	U	**3.53**		**1.59**		**29**		**2.52**		5
Chrysene	**0.10**		0.050	U	**1.22**		0.051	U	0.050	U	0.051	U	0.002
Dibenzo(a,h)anthracene	0.051	U	0.050	U	**0.21**		0.051	U	0.050	U	0.051	U	NS
Dibenzofuran	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
Diethyl phthalate	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Dimethyl phthalate	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Di-n-butyl phthalate	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Di-n-octyl phthalate	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Fluoranthene	**0.27**		0.050	J	**5.73**		0.051	U	0.050	U	0.051	U	50
Fluorene	0.051	U	0.050	U	**13.20**		0.051	U	0.050	U	0.051	U	50
Hexachlorobenzene	0.021	U	0.020	U	0.022	U	0.021	U	0.020	U	0.021	U	0.04
Hexachlorobutadiene	0.51	U	0.50	U	0.56	U	0.51	U	0.50	U	0.51	U	0.5
Hexachlorocyclopentadiene	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	5
Hexachloroethane	0.51	U	0.50	U	0.56	U	0.51	U	0.50	U	0.51	U	5
Indeno(1,2,3-cd)pyrene	0.051	U	0.050	U	**0.40**		0.051	U	0.050	U	0.051	U	0.002
Isophorone	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Naphthalene	0.051	U	0.050	U	0.056	U	0.051	U	0.050	U	0.051	U	10
Nitrobenzene	**0.29**		0.25	U	0.28	U	0.26	U	0.25	U	0.26	U	0.4
N-Nitrosodimethylamine	0.51	U	0.50	U	0.56	U	0.51	U	0.50	U	0.51	U	NS
N-nitroso-di-n-propylamine	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	NS
N-Nitrosodiphenylamine	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50
Pentachlorophenol	0.26	U	0.25	U	0.28	U	0.26	U	0.25	U	0.26	U	1
Phenanthrene	**0.49**		0.050	U	**19.30**		**0.062**		0.050	U	0.051	U	50
Phenol	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	1
Pyrene	**0.69**		0.050	U	**8.99**		0.051	U	0.050	U	0.051	U	50
Pyridine	2.56	U	2.50	U	2.78	U	2.56	U	2.50	U	2.56	U	50

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 3 (Cont.)
Groundwater Samples Analytical Results for Pesticides and PCBs
120 Union Avenue, Booklyn, NY

Sample ID	MW-5		MW-6		MW-7		MW-8		MW-9		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		
Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Pesticides													
4,4'-DDD	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.3
4,4'-DDE	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.2
4,4'-DDT	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.2
Aldrin	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	NS
alpha-BHC	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.01
alpha-Chlordane	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	NS
beta-BHC	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.04
delta-BHC	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.04
Dieldrin	0.0021	U	0.0020	U	0.0025	U	0.0020	U	0.0020	U	0.0021	U	0.004
Endosulfan I	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	NS
Endosulfan II	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	NS
Endosulfan sulfate	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	NS
Endrin	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	NS
gamma-BHC (Lindane)	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.05
gamma-Chlordane	0.010	U	0.010	U	0.013	U	0.010	U	0.010	U	0.010	U	NS
Heptachlor	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.04
Heptachlor epoxide	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	0.03
Methoxychlor	0.0041	U	0.0040	U	0.0050	U	0.0040	U	0.0040	U	0.0041	U	35
Polychlorinated Biphenyls (PCB)													
Aroclor 1016	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Aroclor 1221	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Aroclor 1232	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Aroclor 1242	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Aroclor 1248	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Aroclor 1254	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Aroclor 1260	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	NS
Total PCBs	0.051	U	0.050	U	0.063	U	0.050	U	0.050	U	0.051	U	0.09

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 3 (Cont.)
Groundwater Samples Analytical Results for TAL Metals
120 Union Avenue, Booklyn, NY

Sample ID	MW-5		MW-6		MW-7		MW-8		MW-9		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		4/23/2014		
Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
Units	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Target Analyte Metals													
Aluminum	**910**		**530**		**4,160**		**159**		**184**		10	U	NS
Antimony	5	U	5	U	5	U	5	U	5	U	5	U	3
Arsenic	4	U	4	U	4	U	4	U	4	U	4	U	25
Barium	**57**		**129**		**108**		**54**		**94**		10	U	1000
Beryllium	1	U	1	U	1	U	1	U	1	U	1	U	3
Cadmium	3	U	3	U	3	U	3	U	3	U	3	U	5
Calcium	**120,000**		**176,000**		**104,000**		**123,000**		**221,000**		50	U	NS
Chromium	5	U	5	U	**12**		5	U	5	U	5	U	50
Chromium, Hexavalent	10	U	10	U	10	U	10	U	10	U	10	U	50
Chromium, Trivalent	10	U	10	U	NT		10	U	10	U	10	U	NS
Cobalt	5	U	5	U	7		5	U	5	U	5	U	NS
Copper	3	U	3	U	**20**		**4**		3	U	3	U	200
Iron	**1,730**		**8,820**		**8,830**		**265**		**2,660**		20	U	NS
Lead	**43**		**15**		**25**		**7**		**5**		3	U	25
Magnesium	**10,400**		**28,300**		**18,900**		**21,400**		**69,700**		50	U	35000
Manganese	**464**		**1,930**		**564**		**1,950**		**5,130**		5	U	300
Mercury	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.7
Nickel	5	U	**6**		**18**		**7**		**7**		5	U	100
Potassium	**10,700**		**12,500**		**11,300**		**5,250**		19,200		50	U	NS
Selenium	10	U	10	U	10	U	10	U	10	U	10	U	10
Silver	5	U	5	U	5	U	5	U	5	U	5	U	50
Sodium	**23,200**		**17,200**		**75,600**		**16,300**		91,300		100	U	20000
Thallium	5	U	5	U	5	U	5	U	5	U	5	U	NS
Vanadium	10	U	10	U	36		10	U	10	U	10	U	NS
Zinc	**22**		**55**		**81**		**28**		**23**		**11**		2000
Dissolved Target Analyte Metals													
Aluminum	**25**		**12**		10	U	**12**		**10**		10	U	NS
Antimony	5	U	5	U	5	U	5	U	5	U	5	U	3
Arsenic	4	U	4	U	4	U	4	U	4	U	4	U	25
Barium	**41**		**95**		**45**		**48**		**82**		10	U	1000
Beryllium	1	U	1	U	1	U	1	U	1	U	1	U	3
Cadmium	3	U	3	U	3	U	3	U	3	U	3	U	5
Calcium	**121,000**		**174,000**		**93,100**		**121,000**		**220,000**		50	U	NS
Chromium	5	U	5	U	5	U	5	U	5	U	5	U	50
Chromium, Hexavalent	10	U	10	U	10	U	10	U	10	U	10	U	50
Chromium, Trivalent	10	U	10	U	NT		10	U	10	U	10	U	NS
Cobalt	5	U	5	U	5	U	5	U	5	U	5	U	NS
Copper	3	U	3	U	3	U	**3**		3	U	3	U	200
Iron	**128**		**29**		**23**		20	U	**22**		20	U	NS
Lead	**3**		3	U	3	U	3	U	3	U	3	U	25
Magnesium	**10,200**		**27,800**		**15,000**		**20,600**		**69,400**		50	U	35000
Manganese	**414**		**1,870**		**296**		**1,950**		**5,040**		5	U	300
Mercury	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.7
Nickel	5	U	5	U	**7**		**7**		**5**		5	U	100
Potassium	**10,400**		**12,300**		10,100		**5,080**		**18,900**		50	U	NS
Selenium	10	U	10	U	10	U	10	U	10	U	10	U	10
Silver	5	U	5	U	5	U	5	U	5	U	5	U	50
Sodium	**23,100**		**17,000**		**75,300**		**15,900**		**91,200**		100	U	20000
Thallium	5	U	5	U	5	U	5	U	5	U	5	U	NS
Vanadium	10	U	10	U	12		10	U	10	U	10	U	NS
Zinc	**12**		**17**		**22**		**24**		**14**		10	U	2000

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
~NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 4
Soil Vapor Analytical Results
120 Union Avenue, Brookly, NY

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		AO-1	
Sampling Date	4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014		4/21/2014	
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		tdoor Ambient	
Unit	ug/m³		ug/m³		ug/m³		ug/m³		ug/m³		ug/m³	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	0.62	U	0.55	U	0.55	U	0.73	U	0.55	U	0.55	U
1,1,2,2-Tetrachloroethane	0.78	U	0.70	U	0.70	U	0.91	U	0.70	U	0.70	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fre	0.87	U	0.78	U	**0.78**		1	U	0.78	U	0.78	U
1,1,2-Trichloroethane	0.62	U	0.55	U	0.55	U	0.73	U	0.55	U	0.55	U
1,1-Dichloroethane	0.46	U	0.41	U	0.41	U	0.54	U	0.41	U	0.41	U
1,1-Dichloroethylene	0.45	U	0.40	U	0.40	U	0.53	U	0.40	U	0.40	U
1,2,4-Trichlorobenzene	0.85	U	0.75	U	0.75	U	0.99	U	0.75	U	0.75	U
1,2,4-Trimethylbenzene	**110**	D	**100**		**110**		**130**	D	**100**		**2.40**	
1,2-Dibromoethane	0.88	U	0.78	U	0.78	U	1	U	0.78	U	0.78	U
1,2-Dichlorobenzene	0.68	U	0.61	U	0.61	U	0.80	U	0.61	U	0.61	U
1,2-Dichloroethane	0.46	U	0.41	U	0.41	U	0.54	U	0.41	U	0.41	U
1,2-Dichloropropane	0.53	U	0.47	U	0.47	U	0.62	U	0.47	U	0.47	U
1,2-Dichlorotetrafluoroethane	0.80	U	0.71	U	0.71	U	0.93	U	0.71	U	0.71	U
1,3,5-Trimethylbenzene	**23**	D	**22**		**26**		**31**	D	**26**		**0.65**	
1,3-Butadiene	0.49	U	0.44	U	0.44	U	0.58	U	0.44	U	0.44	U
1,3-Dichlorobenzene	0.68	U	0.61	U	0.61	U	0.80	U	0.61	U	0.61	U
1,4-Dichlorobenzene	0.68	U	0.61	U	0.61	U	0.80	U	0.61	U	0.61	U
1,4-Dioxane	0.41	U	0.37	U	0.37	U	0.48	U	0.37	U	0.37	U
2-Butanone	**3.40**	D	**22**		**26**		**4.40**	D	**9.70**		**3.90**	
2-Hexanone	0.93	U	**7.80**		**13**		**2.60**	D	0.83	U	0.83	U
4-Methyl-2-pentanone	0.47	U	0.42	U	0.42	U	**0.55**	U	0.42	U	0.42	U
Acetone	**24**	BD	**530**	BD	**740**	BD	**46**	BD	**120**	BD	**38**	B
Benzene	**8.40**	D	**0.65**		**3.80**		**3.10**	D	**6.50**		**1.80**	
Benzyl chloride	0.59	U	0.53	U	0.53	U	0.69	U	0.53	U	0.53	U
Bromodichloromethane	0.71	U	0.63	U	0.63	U	0.83	U	0.63	U	0.63	U
Bromoform	1.20	U	1.10	U	1.10	U	1.40	U	1.10	U	1.10	U
Bromomethane	0.44	U	0.39	U	0.39	U	0.52	U	0.39	U	0.39	U
Carbon disulfide	**1**	D	**1.40**		**16**		0.41	U	**0.98**		0.32	U
Carbon tetrachloride	0.18	U	0.16	U	0.16	U	0.21	U	0.16	U	0.16	U
Chlorobenzene	0.52	U	0.47	U	0.47	U	0.61	U	0.47	U	0.47	U
Chloroethane	0.30	U	0.27	U	0.27	U	0.35	U	0.27	U	0.27	U
Chloroform	0.56	U	**0.89**		0.50	U	0.65	U	**1**		0.50	U
Chloromethane	0.24	U	0.21	U	0.21	U	0.28	U	0.21	U	**1.40**	
cis-1,2-Dichloroethylene	0.45	U	0.40	U	0.40	U	0.53	U	0.40	U	0.40	U
cis-1,3-Dichloropropylene	0.52	U	0.46	U	0.46	U	0.60	U	0.46	U	0.46	U
Cyclohexane	**0.74**	D	0.35	U	**1.50**		**1.30**	D	**2.90**		**0.53**	
Dibromochloromethane	0.91	U	0.82	U	0.82	U	1.10	U	0.82	U	0.82	U
Dichlorodifluoromethane	**1.70**	D	**1.60**		**1.70**		**1.60**	D	**2.30**		**2**	
Ethyl acetate	0.82	U	0.73	U	0.73	U	0.96	U	**0.77**		**1.30**	
Ethyl Benzene	0.49	U	**11**		**24**		**32**	D	**32**		**2.50**	
Hexachlorobutadiene	1.20	U	1.10	U	1.10	U	1.40	U	1.10	U	1.10	U
Isopropanol	**3.40**	D	**9.90**		**14**		**3.80**	D	**25**		**4.80**	
Methyl Methacrylate	0.47	U	0.42	U	0.42	U	0.54	U	0.42	U	0.42	U
Methyl tert-butyl ether (MTBE)	**0.45**	D	0.37	U	0.37	U	0.48	U	0.37	U	0.37	U
Methylene chloride	0.79	U	0.71	U	**0.71**		0.93	U	**6.90**		**1.50**	
n-Heptane	**6.50**	D	**2.40**		**9.70**		**9.70**	D	**13**		**2.80**	
n-Hexane	**3.30**	D	**1.40**		**6.10**		**4.90**	D	**18**		**1.80**	
o-Xylene	**40**	D	**26**		**43**		**60**	D	**55**		**3.40**	
p- & m- Xylenes	**91**	D	**58**		**99**		**130**	D	130	D	**9.10**	
p-Ethyltoluene	**80**	D	**71**		**90**		**110**	D	**95**		**2.30**	
Propylene	0.20	U	0.18	U	0.18	U	0.23	U	0.18	U	0.18	U
Styrene	0.49	U	**1.50**		0.43	U	0.57	U	0.43	U	0.43	U
Tetrachloroethylene	**3.30**	D	**2**		**26**		**13**	D	**12**		**1.60**	
Tetrahydrofuran	**3.20**	D	**1.50**		0.30	U	0.39	U	**33**		0.30	U
Toluene	**50**	D	**28**		**57**		**86**	D	**87**		**29**	
trans-1,2-Dichloroethylene	0.45	U	0.40	U	0.40	U	0.53	U	0.40	U	0.40	U
trans-1,3-Dichloropropylene	0.52	U	0.46	U	0.46	U	0.60	U	0.46	U	0.46	U
Trichloroethylene	0.15	U	0.14	U	0.14	U	0.18	U	0.14	U	0.14	U
Trichlorofluoromethane (Freon 11)	**1.30**	D	**1.40**		**1.80**		**1.60**	D	**2.90**		**1.60**	
Vinyl acetate	0.40	U	0.36	U	0.36	U	0.47	U	0.36	U	0.36	U
Vinyl Chloride	0.29	U	0.26	U	0.26	U	0.34	U	0.26	U	0.26	U

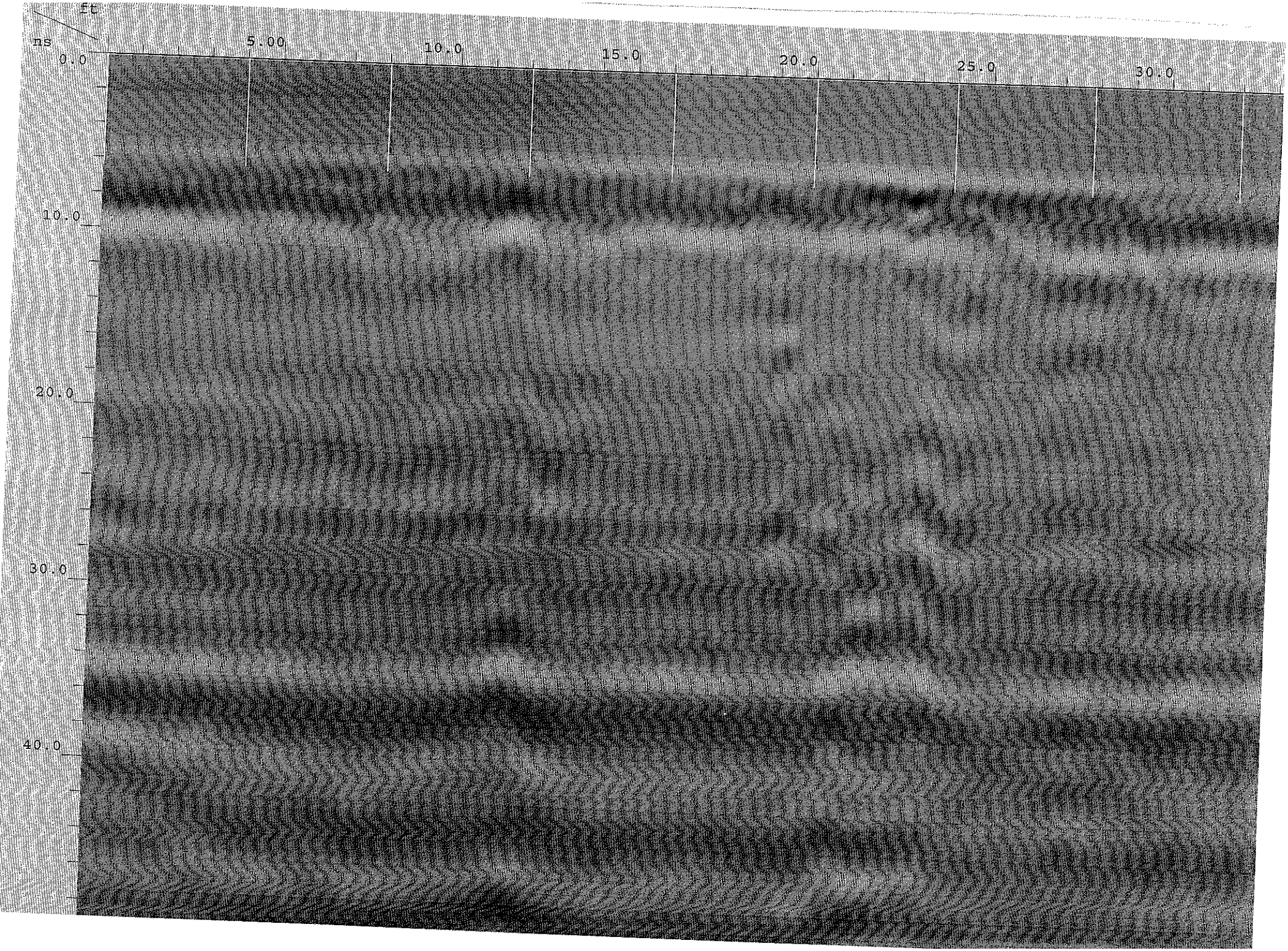
NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample

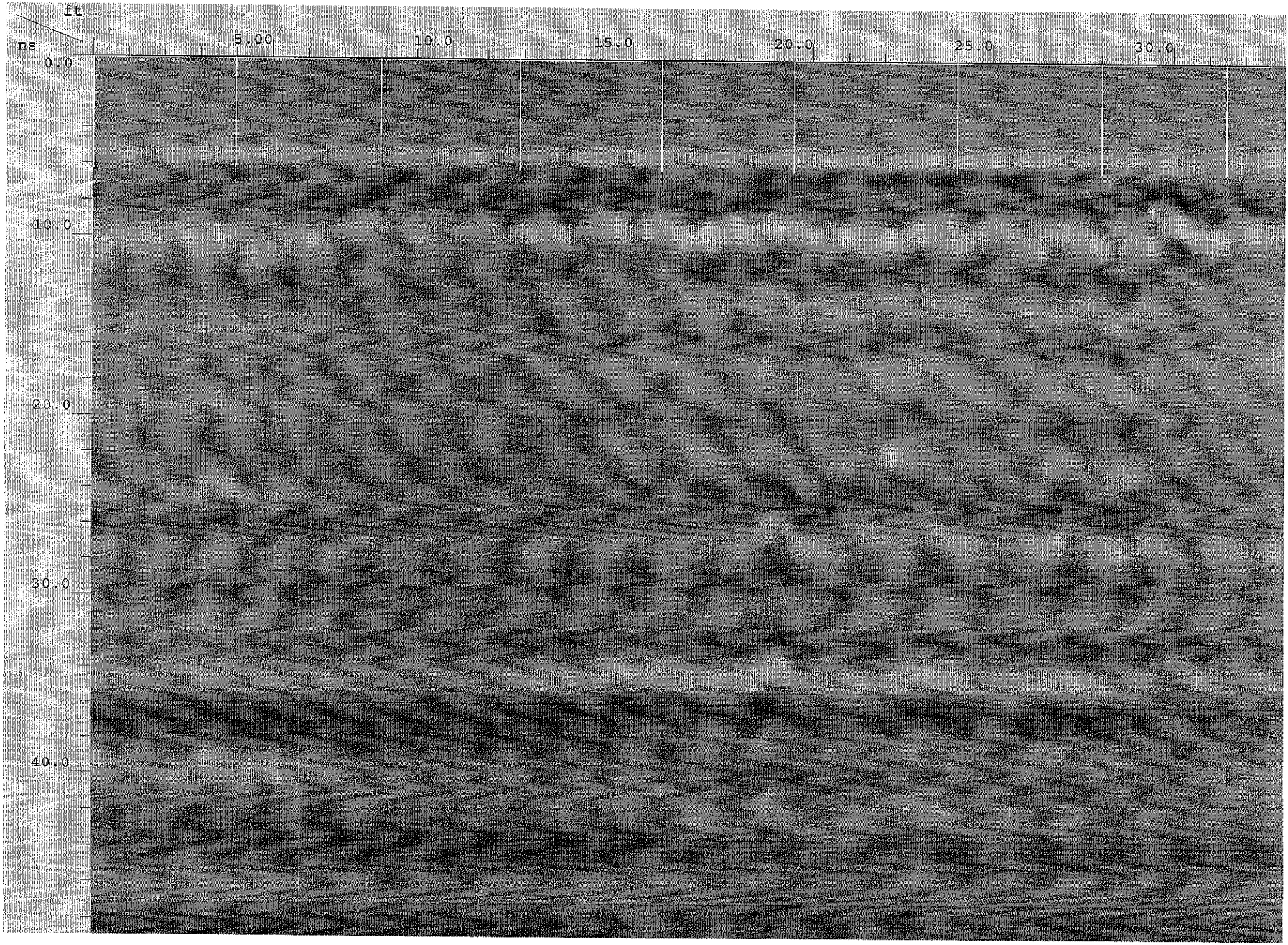
APPENDICES

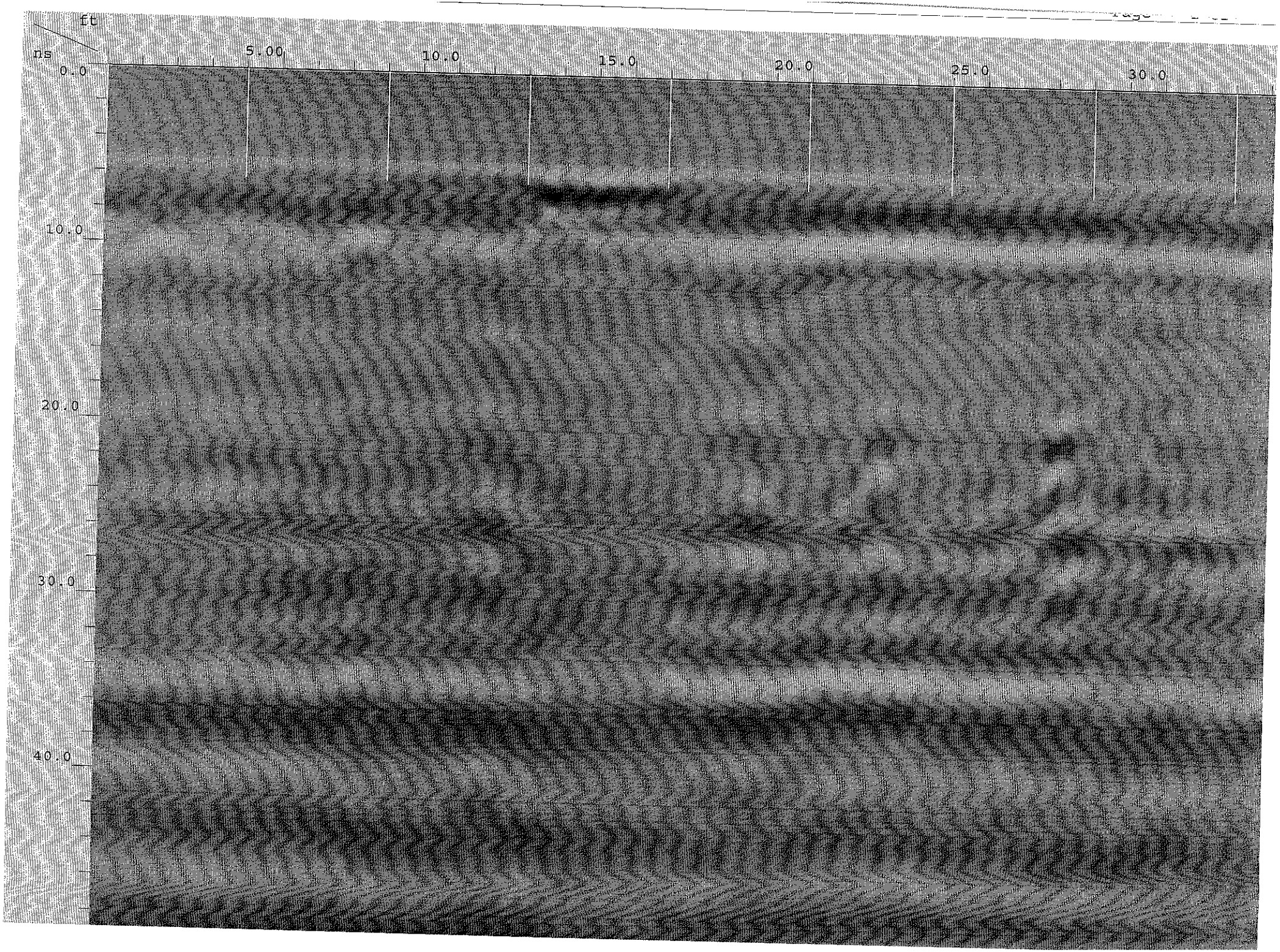
APPENDIX-A
PREVIOUS INVESTIGATIONS (CD-ROM)

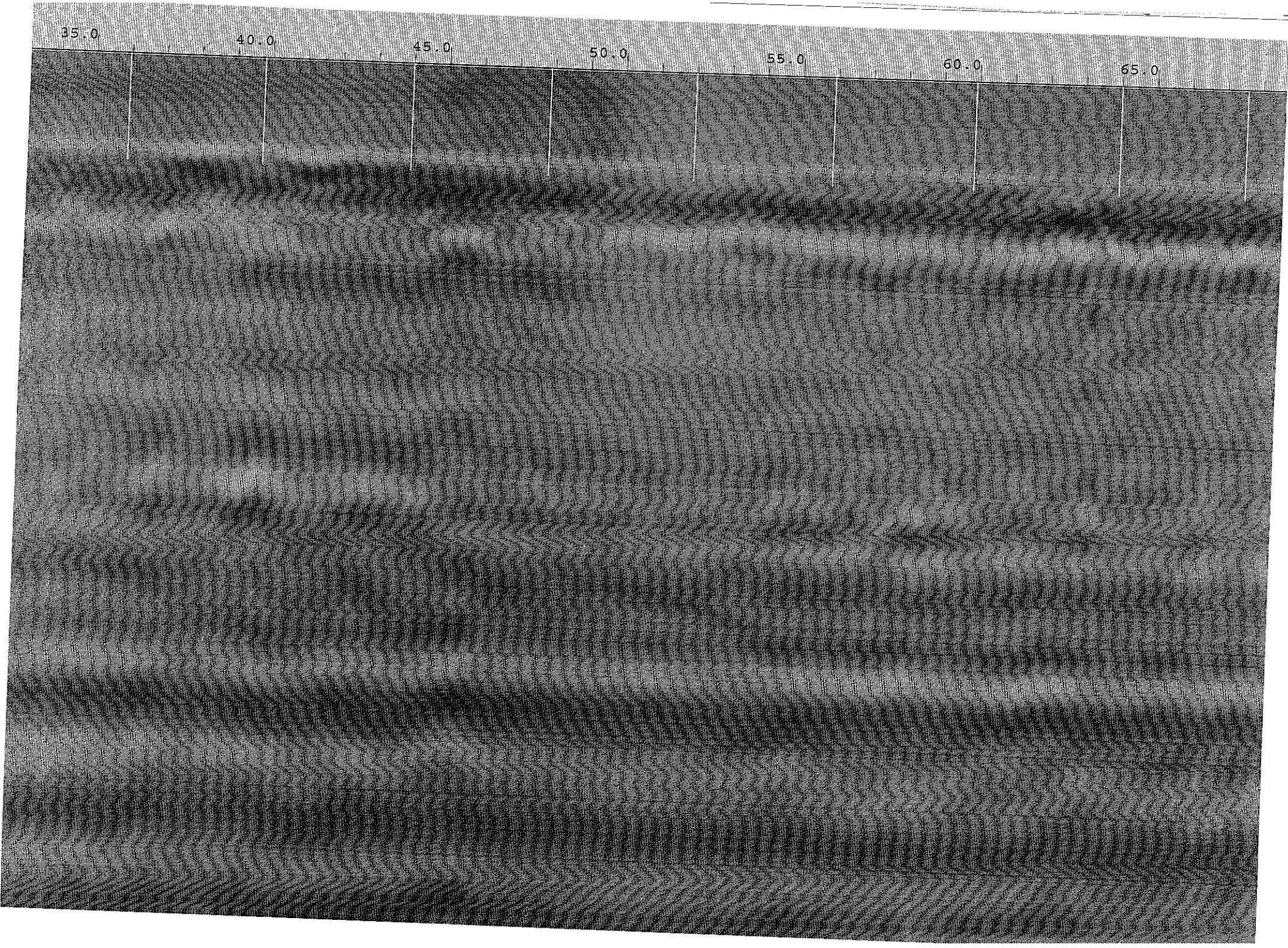
APPENDIX-B
PHOTOGRAPHS

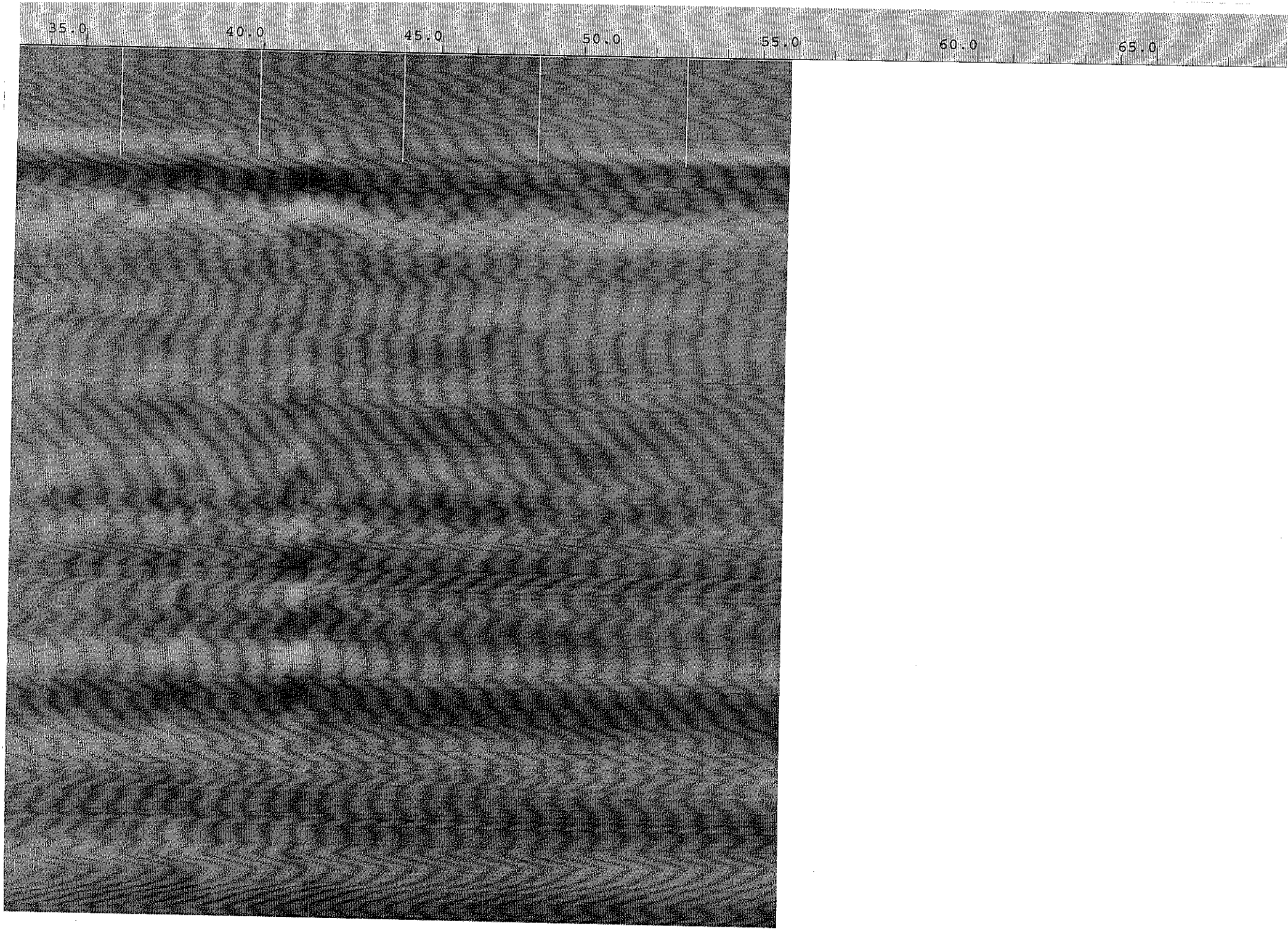
APPENDIX-C
GPR SUMMARY REPORT

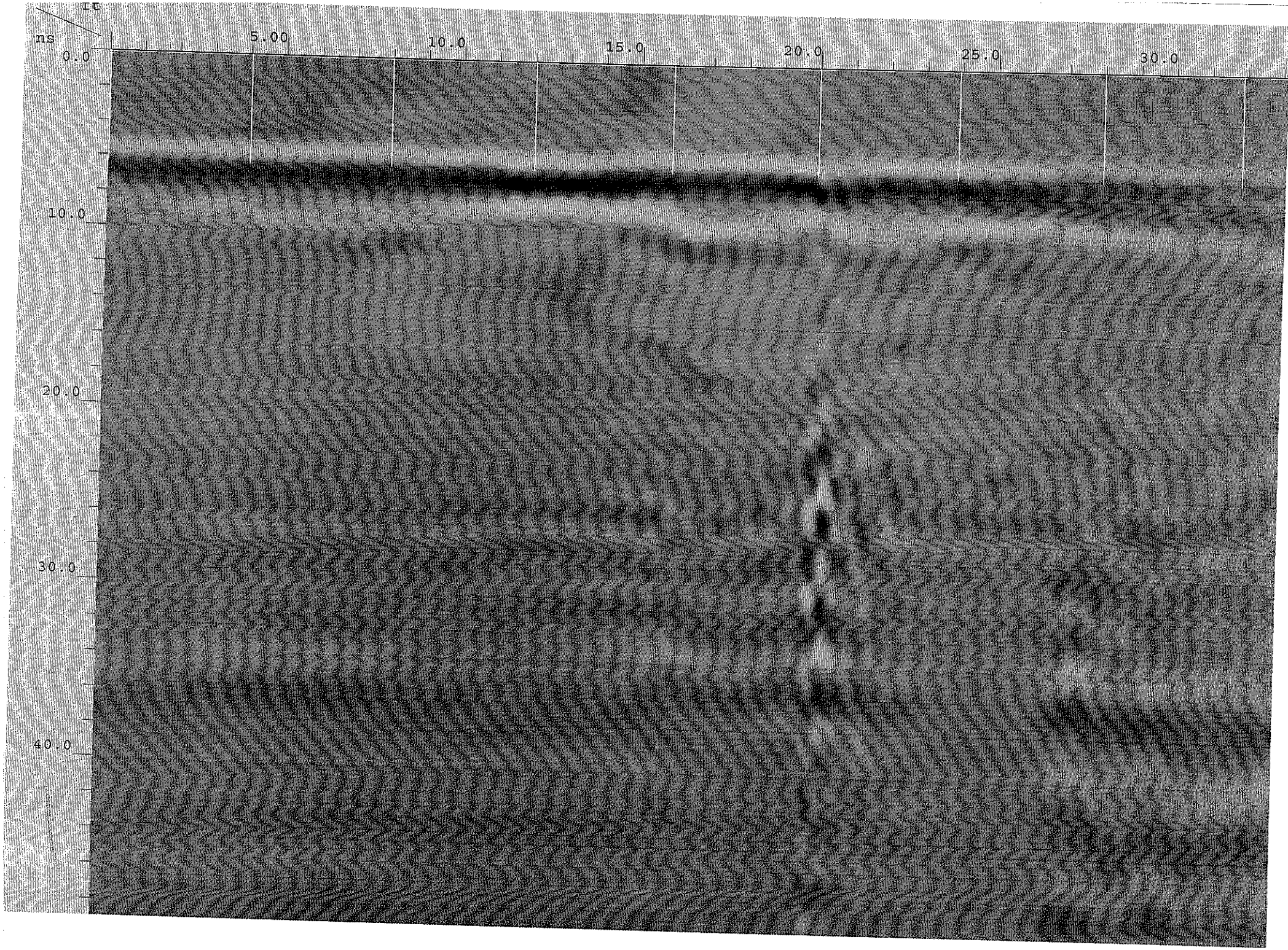

ft
ns
0.0
5.00
10.0
15.0
20.0
25.0
30.0
10.0
20.0
30.0
40.0


ft
ns
5.00
10.0
15.0
20.0
25.0
30.0
0.0
10.0
20.0
30.0
40.0


ft
ns
0.0
5.00
10.0
15.0
20.0
25.0
30.0
10.0
20.0
30.0
40.0


35.0
40.0
45.0
50.0
55.0
60.0
65.0


35.0
40.0
45.0
50.0
55.0
60.0
65.0


ns
0.0
5.00
10.0
15.0
20.0
25.0
30.0
10.0
20.0
30.0
40.0

APPENDIX-D
SOIL BORING LOGS

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/21/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-1

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 4 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	SW	Concrete, fine compacted grey sand.
-2	0.1	SW	Fine compacted grey sand
-4			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/17/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-2

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Miscellaneous fill material.
-2	0.1	SP	Miscellaneous fill material.
-4	0.1	SP	Miscellaneous fill material.
-6	0.1	SW	Moist medium coarse brown sand with pebbles.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/17/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-3

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Miscellaneous fill material.
-2	0.1	SP	Miscellaneous fill material.
-4	0.1	SP	Miscellaneous fill material.
-6	0.1	SP	Miscellaneous fill material.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/17/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-4

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Asphalt, medium coarse brown sand with rocks.
-2	0.1	SP	Medium coarse brown sand with rocks.
-4	0.1	SW	Miscellaneous fill material.
-6	0.1	SW	Wet miscellaneous fill material.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/21/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-5

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Concrete, asphalt, light brown sand with pebbles.
-2	0.1	SP	Fine compacted grey sand.
-4	0.1	SP	Fine compacted grey sand and rocks.
-6	0.1	SP	Fine and coarse gray/brown compacted sand with rocks and pebbles.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/21/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-6

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Concrete miscellaneous fill material.
-2	0.1	SP	Miscellaneous fill material.
-4	0.1	SP	Miscellaneous fill material.
-6	0.1	SP	Medium coarse brown sand with pebbles.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/21/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-7

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Concrete miscellaneous fill material.
-2	0.1	SP	Medium coarse brown sand with pebbles.
-4	0.1	SP	Medium coarse brown sand with pebbles.
-6	0.1	SP	Moist fine coarse brown sand with pebbles.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078

Date: 4/21/2014

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-8

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Concrete medium coarse brown sand, fine compacted grey sand
-2	0.1	SP	Medium coarse brown sand with pebbles
-4	0.1	SW	Miscellaneous fill material.
-6	0.1	SP	Moist fine compacted brown sand with pebbles.
-8			

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, NY 11788
T (631) 462-5866 · F (631) 462-5877

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 140078 | Date: 4/21/2014 | Page: 1 of 1

Location: 120 Union Avenue, Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SB-9

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	Miscellaneous fill material.
-2	0.1	SP	Miscellaneous fill material.
-4	0.1	SP	Miscellaneous fill material.
-6	0.1	SP	Moist medium coarse brown sand with rocks
-8			

APPENDIX-E
MONITORING WELLS CONSTRUCTION LOGS

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE NEW YORK 11788

NYC OFFICE:
15 OCEAN AVENUE, SECOND FLOOR
BROOKLYN, NEW YORK 11225

PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 140078 Date: 04-18-2014 Page: 1 OF 1

Location: 120 UNION AVENUE, BROOKLYN, NY

Well Number: MW-7

Drilling Method: DIRECT PUSH

Total Depth: 10'

Depth to Water: 1.03'

Manhole Size: 5"

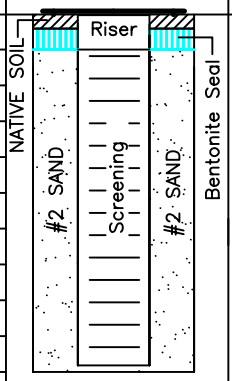
Screen Size: 0.020"

Screen Interval: 9.00'

Diameter: 1"

Riser Length: 1'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover
4			0'-1.00' – Native Soil
6			0.00'-1.00' – Bentonite Seal
8			1'-10.00' – #2 Sand
10			0' – 1.00' – Riser
12			1' – 10.00' – Screen
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE NEW YORK 11788

NYC OFFICE:
15 OCEAN AVENUE, SECOND FLOOR
BROOKLYN, NEW YORK 11225

PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 140078 Date: 04-18-2014 Page: 1 OF 1

Location: 120 UNION AVENUE, BROOKLYN, NY

Well Number: MW-8

Drilling Method: DIRECT PUSH

Total Depth: 18'

Depth to Water: 6.50'

Manhole Size: 5"

Screen Size: 0.020"

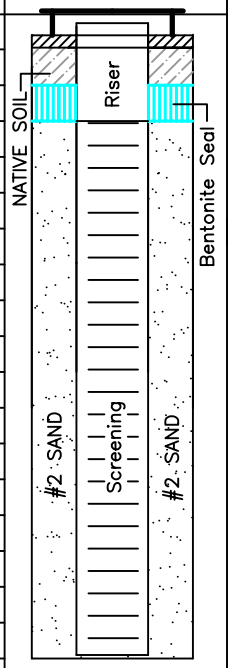
Screen Interval: 15.00'

Diameter: 1"

Riser Length: 3'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover
4			0'-2.00' - Native Soil
6			2.00'-3.00' - Bentonite Seal
8			3'-18.00' - #2 Sand
10			0' - 3.00' - Riser
12			3' - 18.00' - Screen
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			



HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE NEW YORK 11788

NYC OFFICE:
15 OCEAN AVENUE, SECOND FLOOR
BROOKLYN, NEW YORK 11225

PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 140078 Date: 04-18-2014 Page: 1 OF 1

Location: 120 UNION AVENUE, BROOKLYN, NY

Well Number: MW-9

Drilling Method: DIRECT PUSH

Total Depth: 18'

Depth to Water: 7.00'

Manhole Size: 5"

Screen Size: 0.020"

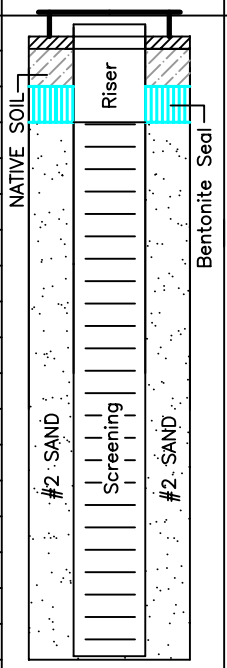
Screen Interval: 15.00'

Diameter: 1"

Riser Length: 3'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			
4			5" Manhole Cover
6			0'-2.00' - Native Soil
8			2.00'-3.00' - Bentonite Seal
10			3'-18.00' - #2 Sand
12			0' - 3.00' - Riser
14			3' - 18.00' - Screen
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			



APPENDIX-F
WELL PURGING AND SAMPLING LOG

120 Union Av Brooklyn, NY 11206

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 140078 Well No.: MW-5 Date: 4/23/14

Well Depth: _____ Screen Length: 15' Well Diameter: _____ Casing Type: PVC

Sampling Device: Horiba + geopump Tubing Type: Silicon Initial DTP: ND Initial DTW: 8.49

Well Volume: 2 Total Volume Purged: 3L

Sampling Personnel: Silvestre + Julio

Low Flow Sampling required ? Yes : X No: _____

Order of stabilization			a	b	c	e	f	d	
Deviation			±1		± 3%	± 10%	± 10%	± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
12:45	ND	8.49	7.13	13.44	0.842	8.10	17.4	-8	1L
12:55	ND	10.20	7.06	13.96	0.829	7.96	26	-3	1L
1:05	ND	13.20	7.31	13.89	0.833	6.95	10.8	2	1L

120 Union Av Brooklyn, NY 11206

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: M0078 Well No.: MW-6 Date: 4/23/14

Well Depth: _____ Screen Length: 15' Well Diameter: 2" Casing Type: PVC

Sampling Device: Horiba + geopump Tubing Type: silicon Initial DTP: ND Initial DTW: 8.35

Well Volume: 2 Total Volume Purged: 3L

Sampling Personnel: Silvestre + Julio

Low Flow Sampling required ? Yes : X No: _____

Order of stabilization

Deviation

Time	DTP (ft)	DTW (ft)	pH (a ±1)	Temp (°F) (b)	Cond. (S/Cm) (c ± 3%)	Dis.O2 (mg/L) (e ± 10%)	Turb.(NTU) (f ± 10%)	ORP (mV) (d ± 10 mv)	Notes
11:45	ND	8.35	7.22	13.34	1.15	8.04	41.4	-7	1L
11:55	ND	10.97	7.56	13.51	1.26	8.89	22	-21	1L
12:05	ND	11.02	7.88	13.26	2.00	7.99	5	-3	1L

120 Union Av Brooklyn, NY 11206

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 140078 Well No.: MW-7 Date: 4/23/14

Well Depth: _____ Screen Length: 10' Well Diameter: 1" Casing Type: PVC

Sampling Device: Horiba + geopump Tubing Type: silicon Initial DTP: ND Initial DTW: 1.03

Well Volume: 2 Total Volume Purged: 3L

Sampling Personnel: Silvestre + Julio

Low Flow Sampling required ? Yes : _____ No: _____

Order of stabilization			a	b	c	e	f	d	
Deviation			±1		± 3%	± 10%	± 10%	± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
2:00	ND	1.03	7.48	14.68	0.950	14.61	1888	62	1L
2:10	ND	5.59	9.00	16.16	0.821	16.48	21.09	38	1L
2:20	ND	6.42	8.86	15.88	0.833	13.21	15	9	1L

120 Union Av Brooklyn, NY 11206

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 140078 Well No.: MW-8 Date: 4/23/14

Well Depth: _____ Screen Length: 15' Well Diameter: 2" Casing Type: pvc

Sampling Device: Horiba + geopump Tubing Type: silicon Initial DTP: ND Initial DTW: 6.47

Well Volume: 2 Total Volume Purged: 3L

Sampling Personnel: Silvestre + Julio

Low Flow Sampling required ? Yes : X No: _____

Order of stabilization

Deviation

Time	DTP (ft)	DTW (ft)	pH (a ±1)	Temp (°F) (b)	Cond. (S/Cm) (c ± 3%)	Dis.O2 (mg/L) (e ± 10%)	Turb.(NTU) (f ± 10%)	ORP (mV) (d ± 10 mv)	Notes
1:20	ND	6.47	-9	11.79	0.861	7.72	8.0	33	1L
1:30	ND	9.20	-6	12.11	0.859	7.59	10.9	16	1L
1:40	ND	10.21	-11	12.03	0.804	7.04	3.5	5	1L

120 Union Av Brooklyn, NY 11206

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 140078 Well No.: MW-9 Date: 4/22/1

Well Depth: _____ Screen Length: 15' Well Diameter: 2" Casing Type: PVC

Sampling Device: Horiba + geopump Tubing Type: silicon Initial DTP: ND Initial DTW: 7.01

Well Volume: 2 Total Volume Purged: 3L

Sampling Personnel: Silvestre + Julio

Low Flow Sampling required ? Yes : X No: _____

Order of stabilization

Deviation

Time	DTP (ft)	DTW (ft)	pH (a ±1)	Temp (°F) (b)	Cond. (S/Cm) (c ± 3%)	Dis.O2 (mg/L) (e ± 10%)	Turb.(NTU) (f ± 10%)	ORP (mV) (d ± 10 mv)	Notes
11:05	ND	7.99	7.01	12.92	0.889	15.97	0.0	23	1L
11:15	ND	11.12	7.06	13.04	0.794	12.03	3.3	9	1L
11:25	ND	12.15	7.30	13.09	0.657	13.17	9.1	-3	1L

APPENDIX-G
SOIL VAPOR SAMPLING LOG

AMBIENT AIR/SOIL VAPOR SAMPLING LOG SHEET

Weather Conditions during past 24-48 hrs: Sunny hot 62°F

Building Ventilation Conditions: Outdoor air

Source(s) of VOCs in Area: gas tanks

Sample Coordinates						Sampler Name	Indoor PID Reading (ppm)	Indoor air temp (°F)	Summa Canister ID	Canister Volume (L)	Purge Volume(s) (L)	Helium Detector (µg/L)		Time start (24 hr)	Time Stop (24 hr)	Canister Vacuum (" Hg)		Total Volume Extracte (L)	Weather (Wind, Dry, Moist, Saturated, temp) of Sampling Zone
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation									Start	Stop			Before	After		
			Date	Time	Depth														
AO-1	4/21	AO				SC	0.0	48.7	15613	6	0.2	10:01	10:04	10:00	12:15	-30	0		Sunny 62°F
SV-1	4/21	SV	4/17	1:15	5'	SC	0.0	48.7	Y02	6	0.2	10:31	10:34	10:30	12:35	-30	-10		Sunny 62°F
SV-2	4/21	SV	4/17	1:45	5'	SC	0.0	48.7	Y43	6	0.2	10:06	10:09	10:05	12:17	-30	0		Sunny 62°F
SV-3	4/21	SV	4/17	2:00	5'	SC	0.0	48.7	P25	6	0.2	10:11	10:14	10:10	12:20	-30	-3		Sunny 62°F
SV-4	4/21	SV	4/17	2:15	5'	SC	0.0	48.7	15525	6	0.2	10:26	10:29	10:25	12:30	-30	-10		Sunny 62°F
SV-5	4/21	SV	4/17	2:30	5'	SC	0.0	48.7	Y67	6	0.2	10:16	10:19	10:15	12:25	-27	-3		Sunny 62°F

Air Matrix Codes:
AI - Indoor Air
AO- Outdoor Air
SV - Soil Vapor
SB - Sub-slab

Notes: 120 Union Ave. Brooklyn, NY 11206

APPENDIX-H
LABORATORY DATA DELIVERABLES FOR SOIL ANALYTICAL DATA

Technical Report

prepared for:

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

Report Date: 05/02/2014
Client Project ID: #140078 120 Union Ave. Brooklyn, NY
York Project (SDG) No.: 14D0867

2.0

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

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

Report Date: 05/02/2014
Client Project ID: #140078 120 Union Ave. Brooklyn, NY
York Project (SDG) No.: 14D0867

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2014 and listed below. The project was identified as your project: **#140078 120 Union Ave. 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
14D0867-01	SB-1 0-2ft	Soil	04/21/2014	04/22/2014
14D0867-02	SB-1 2-4ft	Soil	04/21/2014	04/22/2014
14D0867-03	SB-2 0-2ft	Soil	04/17/2014	04/22/2014
14D0867-04	SB-2 6-8ft	Soil	04/17/2014	04/22/2014
14D0867-05	SB-3 0-2ft	Soil	04/17/2014	04/22/2014
14D0867-06	SB-3 6-8ft	Soil	04/17/2014	04/22/2014
14D0867-07	SB-4 0-2ft	Soil	04/17/2014	04/22/2014
14D0867-08	SB-4 6-8ft	Soil	04/17/2014	04/22/2014
14D0867-09	SB-5 0-2ft	Soil	04/21/2014	04/22/2014
14D0867-10	SB-5 6-8ft	Soil	04/21/2014	04/22/2014
14D0867-11	SB-6 0-2ft	Soil	04/21/2014	04/22/2014
14D0867-12	SB-6 6-8ft	Soil	04/21/2014	04/22/2014
14D0867-13	SB-7 0-2ft	Soil	04/21/2014	04/22/2014
14D0867-14	SB-7 6-8ft	Soil	04/21/2014	04/22/2014
14D0867-15	SB-8 0-2ft	Soil	04/21/2014	04/22/2014
14D0867-16	SB-8 6-8ft	Soil	04/21/2014	04/22/2014
14D0867-17	SB-9 0-2ft	Soil	04/21/2014	04/22/2014
14D0867-18	SB-9 6-8ft	Soil	04/21/2014	04/22/2014
14D0867-19	Field Blank	Water	04/21/2014	04/22/2014
14D0867-20	Trip Blank	Water	04/21/2014	04/22/2014

General Notes for York Project (SDG) No.: 14D0867

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:** 05/02/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
78-93-3	**2-Butanone**	**2.7**	J	ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
67-64-1	**Acetone**	**33**	CCV-E, B	ug/kg dry	2.2	8.9	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.9	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.9	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
104-51-8	**n-Butylbenzene**	**2.6**	J	ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
135-98-8	**sec-Butylbenzene**	**2.9**	J	ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:16	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.3 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*75-127*

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*105 %*			*90-112*						

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
62-53-3	Aniline	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
120-12-7	Anthracene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
218-01-9	Chrysene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	206	411	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	206	411	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
206-44-0	Fluoranthene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
86-73-7	Fluorene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
78-59-1	Isophorone	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
91-20-3	Naphthalene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	104	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
85-01-8	Phenanthrene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
108-95-2	Phenol	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
129-00-0	Pyrene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
110-86-1	Pyridine	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.8	206	1	EPA 8270D	04/24/2014 07:35	04/24/2014 20:02	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*52.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*58.4 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.3 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.2 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*54.2 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*54.0 %*	*10-137*

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
72-20-8	Endrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.14	8.14	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
309-00-2	Aldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 18:52	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.39	21.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:19	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14100**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-36-0	Antimony	ND		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-38-2	**Arsenic**	**6.25**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-39-3	**Barium**	**106**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-43-9	**Cadmium**	**0.768**		mg/kg dry	0.370	0.370	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-70-2	**Calcium**	**2010**		mg/kg dry	0.617	6.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-47-3	**Chromium**	**32.3**		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-48-4	**Cobalt**	**16.5**		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-50-8	**Copper**	**25.5**		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7439-89-6	**Iron**	**20800**		mg/kg dry	2.47	2.47	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7439-92-1	**Lead**	**7.39**		mg/kg dry	0.370	0.370	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7439-95-4	**Magnesium**	**4440**		mg/kg dry	6.17	6.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7439-96-5	**Manganese**	**201**		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-02-0	**Nickel**	**28.5**		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-09-7	**Potassium**	**1780**		mg/kg dry	6.17	6.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7782-49-2	Selenium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-22-4	Silver	ND		mg/kg dry	0.617	0.617	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-23-5	**Sodium**	**165**		mg/kg dry	12.3	12.3	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-28-0	Thallium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-62-2	**Vanadium**	**35.8**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW
7440-66-6	**Zinc**	**67.1**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 10:55	MW

Sample Information

Client Sample ID: **SB-1 0-2ft** **York Sample ID:** **14D0867-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0407	0.0407	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.1**		%	0.100	0.100	1	SM 2540G	04/25/2014 08:59	04/25/2014 12:08	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.432	0.617	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**26.2**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
67-64-1	**Acetone**	**16**	CCV-E, B	ug/kg dry	2.1	8.5	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.8**	J	ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.1	8.5	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.5	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	04/24/2014 15:30	04/25/2014 05:58	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.2 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.5 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*90-112*

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
62-53-3	Aniline	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
120-12-7	Anthracene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
218-01-9	Chrysene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	199	398	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	199	398	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**174**	J	ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
206-44-0	Fluoranthene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
86-73-7	Fluorene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
78-59-1	Isophorone	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	100	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
108-95-2	Phenol	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
129-00-0	Pyrene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
110-86-1	Pyridine	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.2	199	1	EPA 8270D	04/24/2014 07:35	04/24/2014 15:59	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*37.0 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*36.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.5 %*	*10-140*

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*36.0 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*25.2 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*47.6 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	99.7	99.7	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.85	9.85	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
72-20-8	Endrin	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.88	7.88	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
309-00-2	Aldrin	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	1.97	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:08	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.3	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.12	20.3	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 15:49	JW

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.7 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9260**		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-36-0	Antimony	ND		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-38-2	**Arsenic**	**3.64**		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-39-3	**Barium**	**73.5**		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-43-9	**Cadmium**	**0.480**		mg/kg dry	0.358	0.358	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-70-2	**Calcium**	**1820**		mg/kg dry	0.597	5.97	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-47-3	**Chromium**	**20.3**		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-48-4	**Cobalt**	**11.6**		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-50-8	**Copper**	**16.0**		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7439-89-6	**Iron**	**16200**		mg/kg dry	2.39	2.39	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7439-92-1	**Lead**	**7.32**		mg/kg dry	0.358	0.358	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7439-95-4	**Magnesium**	**2920**		mg/kg dry	5.97	5.97	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7439-96-5	**Manganese**	**170**		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-02-0	**Nickel**	**21.8**		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-09-7	**Potassium**	**1240**		mg/kg dry	5.97	5.97	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7782-49-2	Selenium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-22-4	Silver	ND		mg/kg dry	0.597	0.597	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-23-5	**Sodium**	**125**		mg/kg dry	11.9	11.9	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-62-2	**Vanadium**	**36.8**		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW
7440-66-6	**Zinc**	**45.7**		mg/kg dry	1.19	1.19	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:00	MW

Sample Information

Client Sample ID: **SB-1 2-4ft** **York Sample ID:** **14D0867-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	0.0394	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.7**		%	0.100	0.100	1	SM 2540G	04/25/2014 08:59	04/25/2014 12:08	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.418	0.597	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.0**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
78-93-3	**2-Butanone**	**9.9**		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
67-64-1	**Acetone**	**71**		ug/kg dry	2.3	9.1	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:53	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*		*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*173 %*	S-04	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*123 %*	S-04	*90-112*

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
62-53-3	Aniline	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
120-12-7	Anthracene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
218-01-9	Chrysene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	9310	18600	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	9310	18600	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
206-44-0	Fluoranthene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
86-73-7	Fluorene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
78-59-1	Isophorone	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
91-20-3	Naphthalene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	4680	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
85-01-8	Phenanthrene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
108-95-2	Phenol	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
129-00-0	Pyrene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
110-86-1	Pyridine	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	2340	9290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 20:33	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*28.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.8 %*	*10-140*

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*35.0 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*16.1 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*30.9 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
57-74-9	**Chlordane, total**	**31.6**		ug/kg dry	7.36	7.36	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
50-29-3	**4,4'-DDT**	**6.26**		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 10:35	JW
11096-82-5	**Aroclor 1260**	**40.9**		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW
1336-36-3	*** Total PCBs**	**40.9**		ug/kg dry	7.58	19.0	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:18	JW

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **SB-2 0-2ft** **York Sample ID:** **14D0867-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.9 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.3 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2650**		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-36-0	**Antimony**	**1.33**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-38-2	**Arsenic**	**8.86**		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-39-3	**Barium**	**309**		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-43-9	**Cadmium**	**3.13**		mg/kg dry	0.334	0.334	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-70-2	**Calcium**	**93400**		mg/kg dry	0.557	5.57	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-48-4	**Cobalt**	**2.82**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-50-8	**Copper**	**144**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7439-89-6	**Iron**	**11500**		mg/kg dry	2.23	2.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7439-92-1	**Lead**	**391**		mg/kg dry	0.334	0.334	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7439-95-4	**Magnesium**	**50900**		mg/kg dry	5.57	5.57	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7439-96-5	**Manganese**	**246**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-02-0	**Nickel**	**31.5**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-09-7	**Potassium**	**430**		mg/kg dry	5.57	5.57	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-22-4	**Silver**	**14.5**		mg/kg dry	0.557	0.557	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-23-5	**Sodium**	**274**		mg/kg dry	11.1	11.1	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW
7440-66-6	**Zinc**	**364**		mg/kg dry	1.11	1.11	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:05	MW

Sample Information

Client Sample ID: SB-2 0-2ft **York Sample ID:** 14D0867-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	0.0368	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	0.100	1	SM 2540G	04/25/2014 08:59	04/25/2014 12:08	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.390	0.557	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.1**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: SB-2 6-8ft **York Sample ID:** 14D0867-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	83	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
67-64-1	**Acetone**	**6.9**	J, B	ug/kg dry	2.1	8.3	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.1	8.3	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.3	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.3	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 01:20	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*87.8 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*90-112*

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
62-53-3	Aniline	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
120-12-7	Anthracene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
218-01-9	Chrysene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	192	383	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	192	384	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
86-73-7	Fluorene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
78-59-1	Isophorone	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	96.7	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
108-95-2	Phenol	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
129-00-0	Pyrene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
110-86-1	Pyridine	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.4	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:30	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*55.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*57.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.1 %*	*10-140*

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.3 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*50.7 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*54.6 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.1	96.1	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.50	9.50	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.60	7.60	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:24	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.83	19.6	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 16:48	JW

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.6 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6450**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-36-0	Antimony	ND		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-38-2	**Arsenic**	**1.94**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-39-3	**Barium**	**36.0**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-43-9	**Cadmium**	**0.392**		mg/kg dry	0.345	0.345	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-70-2	**Calcium**	**1430**		mg/kg dry	0.576	5.76	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-48-4	**Cobalt**	**5.68**		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-50-8	**Copper**	**13.3**		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7439-89-6	**Iron**	**11300**		mg/kg dry	2.30	2.30	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7439-92-1	**Lead**	**12.6**		mg/kg dry	0.345	0.345	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7439-95-4	**Magnesium**	**1660**		mg/kg dry	5.76	5.76	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7439-96-5	**Manganese**	**183**		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-09-7	**Potassium**	**661**		mg/kg dry	5.76	5.76	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-22-4	Silver	ND		mg/kg dry	0.576	0.576	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-23-5	**Sodium**	**90.7**		mg/kg dry	11.5	11.5	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-62-2	**Vanadium**	**17.7**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW
7440-66-6	**Zinc**	**39.8**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:09	MW

Sample Information

Client Sample ID: **SB-2 6-8ft** **York Sample ID:** **14D0867-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0380	0.0380	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.9**		%	0.100	0.100	1	SM 2540G	04/25/2014 08:59	04/25/2014 12:08	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.403	0.576	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**9.63**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
67-64-1	**Acetone**	**11**	J	ug/kg dry	2.7	11	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-09-2	**Methylene chloride**	**3.9**	J	ug/kg dry	2.7	11	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	04/28/2014 08:19	04/28/2014 14:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.7 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*90-112*

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
62-53-3	Aniline	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
120-12-7	Anthracene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
56-55-3	**Benzo(a)anthracene**	**1470**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
50-32-8	**Benzo(a)pyrene**	**1080**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
205-99-2	**Benzo(b)fluoranthene**	**1180**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
207-08-9	**Benzo(k)fluoranthene**	**1320**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
218-01-9	**Chrysene**	**1590**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2150	4280	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2150	4290	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
206-44-0	**Fluoranthene**	**2160**		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
86-73-7	Fluorene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**682**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
78-59-1	Isophorone	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
91-20-3	Naphthalene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1080	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
85-01-8	**Phenanthrene**	**1390**	J	ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
108-95-2	Phenol	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
129-00-0	**Pyrene**	**2410**		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
110-86-1	Pyridine	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	540	2140	10	EPA 8270D	04/24/2014 07:35	04/24/2014 17:00	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*54.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*66.4 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.4 %*	*10-140*

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.2 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*47.6 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*72.1 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	1070	1070	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
72-43-5	Methoxychlor	ND		ug/kg dry	106	106	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
76-44-8	Heptachlor	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
72-20-8	Endrin	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
959-98-8	Endosulfan I	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
60-57-1	Dieldrin	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
319-86-8	delta-BHC	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
57-74-9	Chlordane, total	ND		ug/kg dry	84.9	84.9	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
319-84-6	alpha-BHC	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
309-00-2	Aldrin	ND		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
50-29-3	**4,4'-DDT**	**1610**		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
72-55-9	**4,4'-DDE**	**199**		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
72-54-8	**4,4'-DDD**	**56.9**		ug/kg dry	21.2	21.2	50	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.9	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.74	21.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:17	JW

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.7 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.1 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6480**		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-36-0	**Antimony**	**1.23**		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-38-2	**Arsenic**	**19.8**		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-39-3	**Barium**	**817**		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.129	0.129	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-43-9	**Cadmium**	**2.06**		mg/kg dry	0.386	0.386	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-70-2	**Calcium**	**24300**		mg/kg dry	0.643	6.43	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-47-3	**Chromium**	**16.9**		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-48-4	**Cobalt**	**5.34**		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-50-8	**Copper**	**60.4**		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7439-89-6	**Iron**	**14500**		mg/kg dry	2.57	2.57	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7439-92-1	**Lead**	**780**		mg/kg dry	0.386	0.386	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7439-95-4	**Magnesium**	**3790**		mg/kg dry	6.43	6.43	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7439-96-5	**Manganese**	**194**		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-02-0	**Nickel**	**22.1**		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-09-7	**Potassium**	**1220**		mg/kg dry	6.43	6.43	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7782-49-2	Selenium	ND		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-22-4	Silver	ND		mg/kg dry	0.643	0.643	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-23-5	**Sodium**	**767**		mg/kg dry	12.9	12.9	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-28-0	Thallium	ND		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-62-2	**Vanadium**	**29.9**		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW
7440-66-6	**Zinc**	**1120**		mg/kg dry	1.29	1.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:27	MW

Sample Information

Client Sample ID: **SB-3 0-2ft** **York Sample ID:** **14D0867-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0424	0.0424	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.8**		%	0.100	0.100	1	SM 2540G	04/25/2014 08:59	04/25/2014 12:08	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.450	0.643	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.2**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
67-64-1	**Acetone**	**7.9**	J, B	ug/kg dry	2.3	9.2	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.2	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.2	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	04/25/2014 16:44	04/26/2014 02:45	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.7 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*90-112*

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**629**	J	ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
62-53-3	Aniline	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
120-12-7	**Anthracene**	**1410**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
56-55-3	**Benzo(a)anthracene**	**1620**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
50-32-8	**Benzo(a)pyrene**	**918**	J	ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
205-99-2	**Benzo(b)fluoranthene**	**1240**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
207-08-9	**Benzo(k)fluoranthene**	**1330**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
218-01-9	**Chrysene**	**1820**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1030	2050	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1030	2050	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
206-44-0	**Fluoranthene**	**4930**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
86-73-7	**Fluorene**	**715**	J	ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**500**	J	ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
78-59-1	Isophorone	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
91-20-3	Naphthalene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	516	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
85-01-8	**Phenanthrene**	**5370**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
108-95-2	Phenol	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
129-00-0	**Pyrene**	**2920**		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
110-86-1	Pyridine	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	258	1020	5	EPA 8270D	04/24/2014 07:35	04/24/2014 17:31	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*61.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*67.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.6 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.5 %*	*10-126*

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*59.8 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.9 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
72-20-8	Endrin	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.11	8.11	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
309-00-2	Aldrin	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
50-29-3	**4,4'-DDT**	**427**		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
72-55-9	**4,4'-DDE**	**91.4**		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
72-54-8	**4,4'-DDD**	**10.7**		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 11:07	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.36	20.9	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 17:46	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-140*

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.9 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3990**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-36-0	**Antimony**	**1.96**		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-38-2	**Arsenic**	**23.1**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-39-3	**Barium**	**4070**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-43-9	**Cadmium**	**3.13**		mg/kg dry	0.369	0.369	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-70-2	**Calcium**	**71800**		mg/kg dry	0.615	6.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-48-4	Cobalt	ND		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-50-8	**Copper**	**31.2**		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7439-89-6	**Iron**	**12000**		mg/kg dry	2.46	2.46	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7439-92-1	**Lead**	**876**		mg/kg dry	0.369	0.369	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7439-95-4	**Magnesium**	**2790**		mg/kg dry	6.15	6.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7439-96-5	**Manganese**	**234**		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-02-0	**Nickel**	**11.3**		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-09-7	**Potassium**	**606**		mg/kg dry	6.15	6.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7782-49-2	Selenium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.615	0.615	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-23-5	**Sodium**	**475**		mg/kg dry	12.3	12.3	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-28-0	Thallium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-62-2	**Vanadium**	**24.1**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW
7440-66-6	**Zinc**	**1180**		mg/kg dry	1.23	1.23	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:32	MW

Sample Information

Client Sample ID: **SB-3 6-8ft** **York Sample ID:** **14D0867-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0406	0.0406	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.3**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.430	0.615	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.8**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
67-64-1	**Acetone**	**21**	B	ug/kg dry	2.5	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
108-88-3	**Toluene**	**7.1**		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 03:27	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.1 %*		*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*115 %*	S-08	*90-112*

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
62-53-3	Aniline	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
120-12-7	Anthracene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
85-68-7	**Benzyl butyl phthalate**	**682**	J	ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
218-01-9	Chrysene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2070	4130	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2070	4130	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
206-44-0	Fluoranthene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
86-73-7	Fluorene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
78-59-1	Isophorone	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
91-20-3	Naphthalene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1040	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
85-01-8	Phenanthrene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
108-95-2	Phenol	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
129-00-0	**Pyrene**	**549**	J	ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
110-86-1	Pyridine	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	520	2070	10	EPA 8270D	04/24/2014 07:35	04/24/2014 18:01	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*37.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*48.7 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*42.2 %*	*10-140*

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.6 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*29.6 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*41.0 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
72-20-8	Endrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.18	8.18	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
309-00-2	Aldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 11:31	04/24/2014 19:40	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.1	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.43	21.1	1	EPA 8081B/8082A	04/24/2014 11:31	04/25/2014 18:16	JW

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4350**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-38-2	**Arsenic**	**10.5**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-39-3	**Barium**	**140**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.124	0.124	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-43-9	**Cadmium**	**2.93**		mg/kg dry	0.372	0.372	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-70-2	**Calcium**	**67600**		mg/kg dry	0.620	6.20	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-48-4	**Cobalt**	**6.37**		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-50-8	**Copper**	**183**		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7439-89-6	**Iron**	**11100**		mg/kg dry	2.48	2.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7439-92-1	**Lead**	**348**		mg/kg dry	0.372	0.372	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7439-95-4	**Magnesium**	**36900**		mg/kg dry	6.20	6.20	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7439-96-5	**Manganese**	**183**		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-02-0	**Nickel**	**24.5**		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-09-7	**Potassium**	**537**		mg/kg dry	6.20	6.20	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7782-49-2	Selenium	ND		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.620	0.620	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-23-5	**Sodium**	**274**		mg/kg dry	12.4	12.4	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-28-0	Thallium	ND		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW
7440-66-6	**Zinc**	**235**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:37	MW

Sample Information

Client Sample ID: **SB-4 0-2ft** **York Sample ID:** **14D0867-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0409	0.0409	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.7**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.434	0.620	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.0**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	80	160	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
67-64-1	**Acetone**	**61**	B	ug/kg dry	4.0	16	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
71-43-2	Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
108-86-1	Bromobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-25-2	Bromoform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
67-66-3	Chloroform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	16	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
91-20-3	Naphthalene	ND		ug/kg dry	4.0	16	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	16	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
100-42-5	Styrene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
108-88-3	Toluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:09	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.4 %*		*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.9 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	S-08	*90-112*

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
62-53-3	Aniline	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
120-12-7	Anthracene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
218-01-9	Chrysene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	247	492	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	247	493	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
206-44-0	Fluoranthene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
86-73-7	Fluorene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
78-59-1	Isophorone	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
91-20-3	Naphthalene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	124	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
85-01-8	Phenanthrene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
108-95-2	Phenol	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
129-00-0	Pyrene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
110-86-1	Pyridine	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	62.1	246	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:32	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*55.1 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*37.4 %*	*10-140*

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*42.9 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*43.1 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*33.9 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	123	123	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	12.2	12.2	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
72-20-8	Endrin	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
57-74-9	Chlordane, total	ND		ug/kg dry	9.76	9.76	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
309-00-2	Aldrin	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.44	2.44	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 11:22	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	25.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	10.1	25.1	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 18:46	JW

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.0 %*		*30-140*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*26.0 %*	GC-Surr	*30-140*							

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6640**		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-36-0	Antimony	ND		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-38-2	**Arsenic**	**10.4**		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-39-3	**Barium**	**282**		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.148	0.148	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-43-9	**Cadmium**	**0.690**		mg/kg dry	0.444	0.444	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-70-2	**Calcium**	**5310**		mg/kg dry	0.739	7.39	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-47-3	**Chromium**	**10.4**		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-48-4	**Cobalt**	**10.6**		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-50-8	**Copper**	**66.6**		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7439-89-6	**Iron**	**12400**		mg/kg dry	2.96	2.96	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7439-92-1	**Lead**	**179**		mg/kg dry	0.444	0.444	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7439-95-4	**Magnesium**	**491**		mg/kg dry	7.39	7.39	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7439-96-5	**Manganese**	**265**		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-02-0	**Nickel**	**20.4**		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-09-7	**Potassium**	**507**		mg/kg dry	7.39	7.39	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7782-49-2	Selenium	ND		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-22-4	Silver	ND		mg/kg dry	0.739	0.739	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-23-5	**Sodium**	**582**		mg/kg dry	14.8	14.8	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-28-0	Thallium	ND		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-62-2	**Vanadium**	**32.2**		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW
7440-66-6	**Zinc**	**150**		mg/kg dry	1.48	1.48	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:41	MW

Sample Information

Client Sample ID: **SB-4 6-8ft** **York Sample ID:** **14D0867-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 17, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0488	0.0488	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**67.6**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.517	0.739	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.07**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
67-64-1	**Acetone**	**18**	B	ug/kg dry	3.0	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.0	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
100-42-5	Styrene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 04:52	BK

	Surrogate Recoveries	Result	Flag	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.7 %*		*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.0 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*124 %*	S-08	*90-112*

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**51.1**	J	ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
62-53-3	Aniline	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
120-12-7	**Anthracene**	**110**	J	ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
56-55-3	**Benzo(a)anthracene**	**252**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
50-32-8	**Benzo(a)pyrene**	**212**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
205-99-2	**Benzo(b)fluoranthene**	**260**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
207-08-9	**Benzo(k)fluoranthene**	**95.8**	J	ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
218-01-9	**Chrysene**	**200**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	190	378	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	190	378	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
206-44-0	**Fluoranthene**	**578**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
86-73-7	**Fluorene**	**50.7**	J	ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**78.7**	J	ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
78-59-1	Isophorone	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	95.4	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
85-01-8	**Phenanthrene**	**436**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
108-95-2	Phenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
129-00-0	**Pyrene**	**359**		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
110-86-1	Pyridine	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:03	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*41.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*45.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.1 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.4 %*	*10-126*

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*35.2 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*37.2 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.37	9.37	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.49	7.49	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:49	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.72	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 19:15	JW

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.3 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.0 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8350**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-36-0	Antimony	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-38-2	**Arsenic**	**2.69**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-39-3	**Barium**	**61.6**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-43-9	**Cadmium**	**0.459**		mg/kg dry	0.341	0.341	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-70-2	**Calcium**	**8890**		mg/kg dry	0.568	5.68	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-48-4	**Cobalt**	**6.31**		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-50-8	**Copper**	**21.0**		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7439-89-6	**Iron**	**9850**		mg/kg dry	2.27	2.27	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7439-92-1	**Lead**	**63.0**		mg/kg dry	0.341	0.341	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7439-95-4	**Magnesium**	**2600**		mg/kg dry	5.68	5.68	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7439-96-5	**Manganese**	**104**		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-02-0	**Nickel**	**15.8**		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-09-7	**Potassium**	**947**		mg/kg dry	5.68	5.68	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-22-4	Silver	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-23-5	**Sodium**	**350**		mg/kg dry	11.4	11.4	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-62-2	**Vanadium**	**15.5**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW
7440-66-6	**Zinc**	**72.6**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:46	MW

Sample Information

Client Sample ID: **SB-5 0-2ft** **York Sample ID:** **14D0867-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0375	0.0375	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.397	0.568	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.0**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	79	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
67-64-1	**Acetone**	**7.2**	J, B	ug/kg dry	2.0	7.9	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.0	7.9	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.0	7.9	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 05:34	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.4 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*90-112*

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
62-53-3	Aniline	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
120-12-7	Anthracene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
218-01-9	Chrysene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	189	377	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	189	377	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
206-44-0	Fluoranthene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
86-73-7	Fluorene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
78-59-1	Isophorone	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	95.0	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
85-01-8	Phenanthrene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
108-95-2	Phenol	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
129-00-0	Pyrene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
110-86-1	Pyridine	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:34	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*34.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*27.3 %*	*10-140*

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*24.2 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*19.3 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*23.6 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.5	94.5	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.33	9.33	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.47	7.47	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 15:05	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.69	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 08:50	JW

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.7 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6390**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-36-0	Antimony	ND		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-38-2	**Arsenic**	**8.42**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-39-3	**Barium**	**194**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-43-9	**Cadmium**	**0.433**		mg/kg dry	0.339	0.339	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-70-2	**Calcium**	**4980**		mg/kg dry	0.566	5.66	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-48-4	**Cobalt**	**6.56**		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-50-8	**Copper**	**125**		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7439-89-6	**Iron**	**14300**		mg/kg dry	2.26	2.26	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7439-92-1	**Lead**	**304**		mg/kg dry	0.339	0.339	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7439-95-4	**Magnesium**	**1910**		mg/kg dry	5.66	5.66	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7439-96-5	**Manganese**	**297**		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-02-0	**Nickel**	**24.0**		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-09-7	**Potassium**	**742**		mg/kg dry	5.66	5.66	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-22-4	Silver	ND		mg/kg dry	0.566	0.566	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-23-5	**Sodium**	**274**		mg/kg dry	11.3	11.3	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW
7440-66-6	**Zinc**	**288**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:51	MW

Sample Information

Client Sample ID: **SB-5 6-8ft** **York Sample ID:** **14D0867-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0373	0.0373	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.4**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.396	0.566	1	EPA 7196A	04/25/2014 09:27	04/25/2014 16:17	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.0**		mg/kg	0.250	0.500	1	Calculation	04/25/2014 16:21	04/25/2014 16:30	SC

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
67-64-1	**Acetone**	**10**	B	ug/kg dry	2.6	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:16	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.1 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.5 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*90-112*

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
208-96-8	**Acenaphthylene**	**536**	J	ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
62-53-3	Aniline	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
120-12-7	Anthracene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
56-55-3	**Benzo(a)anthracene**	**3070**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
50-32-8	**Benzo(a)pyrene**	**4430**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
205-99-2	**Benzo(b)fluoranthene**	**2520**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
207-08-9	**Benzo(k)fluoranthene**	**2980**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
218-01-9	**Chrysene**	**2710**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2060	4120	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2060	4120	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
206-44-0	**Fluoranthene**	**5460**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
86-73-7	Fluorene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**618**	J	ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
78-59-1	Isophorone	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1040	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
85-01-8	**Phenanthrene**	**1010**	J	ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
108-95-2	Phenol	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
129-00-0	**Pyrene**	**4200**		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
110-86-1	Pyridine	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	519	2060	10	EPA 8270D	04/24/2014 07:35	04/25/2014 18:56	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*50.9 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.5 %*	*10-140*

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.6 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*61.4 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*59.2 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
72-20-8	Endrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.16	8.16	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
309-00-2	Aldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	2.04	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:42	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.0	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.41	21.0	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:20	JW

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5560**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-36-0	Antimony	ND		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-38-2	**Arsenic**	**9.66**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-39-3	**Barium**	**164**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.124	0.124	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-43-9	**Cadmium**	**0.494**		mg/kg dry	0.371	0.371	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-70-2	**Calcium**	**13000**		mg/kg dry	0.618	6.18	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-47-3	**Chromium**	**12.6**		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-48-4	**Cobalt**	**6.64**		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-50-8	**Copper**	**73.3**		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7439-89-6	**Iron**	**11900**		mg/kg dry	2.47	2.47	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7439-92-1	**Lead**	**267**		mg/kg dry	0.371	0.371	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7439-95-4	**Magnesium**	**653**		mg/kg dry	6.18	6.18	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7439-96-5	**Manganese**	**125**		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-02-0	**Nickel**	**16.0**		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-09-7	**Potassium**	**724**		mg/kg dry	6.18	6.18	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7782-49-2	Selenium	ND		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-22-4	Silver	ND		mg/kg dry	0.618	0.618	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-23-5	**Sodium**	**947**		mg/kg dry	12.4	12.4	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-28-0	Thallium	ND		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW
7440-66-6	**Zinc**	**111**		mg/kg dry	1.24	1.24	1	EPA 6010C	04/23/2014 09:08	04/23/2014 11:56	MW

Sample Information

Client Sample ID: **SB-6 0-2ft** **York Sample ID:** **14D0867-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0408	0.0408	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.9**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.433	0.618	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.2**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	250	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
67-64-1	**Acetone**	**18**	J, B	ug/kg dry	6.2	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
71-43-2	Benzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
108-86-1	Bromobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-25-2	Bromoform	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
67-66-3	Chloroform	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
91-20-3	**Naphthalene**	**42**	CCV-E, B	ug/kg dry	6.2	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
100-42-5	Styrene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
108-88-3	Toluene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	37	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	6.2	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 06:59	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.4 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.6 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*90-112*

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
62-53-3	Aniline	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
120-12-7	**Anthracene**	**136**	J	ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
56-55-3	**Benzo(a)anthracene**	**221**		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
50-32-8	**Benzo(a)pyrene**	**191**		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
205-99-2	**Benzo(b)fluoranthene**	**135**	J	ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
207-08-9	**Benzo(k)fluoranthene**	**157**	J	ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
218-01-9	**Chrysene**	**198**		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	189	376	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	189	377	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
206-44-0	**Fluoranthene**	**464**		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
86-73-7	**Fluorene**	**73.8**	J	ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
78-59-1	Isophorone	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	94.9	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
85-01-8	**Phenanthrene**	**510**		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
108-95-2	Phenol	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
129-00-0	**Pyrene**	**380**		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
110-86-1	Pyridine	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	188	1	EPA 8270D	04/24/2014 07:35	04/24/2014 16:35	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*47.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.3 %*	*10-140*

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*33.1 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*29.8 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*36.7 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.4	94.4	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.33	9.33	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.46	7.46	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 12:58	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.69	19.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 09:49	JW

Sample Information

Client Sample ID: **SB-6 6-8ft** **York Sample ID:** **14D0867-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.1 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6430**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-36-0	Antimony	ND		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-38-2	**Arsenic**	**1.55**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-39-3	**Barium**	**39.1**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-43-9	**Cadmium**	**0.339**		mg/kg dry	0.339	0.339	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-70-2	**Calcium**	**1320**		mg/kg dry	0.565	5.65	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-48-4	**Cobalt**	**6.16**		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-50-8	**Copper**	**14.6**		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7439-89-6	**Iron**	**13200**		mg/kg dry	2.26	2.26	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7439-92-1	**Lead**	**6.59**		mg/kg dry	0.339	0.339	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7439-95-4	**Magnesium**	**1550**		mg/kg dry	5.65	5.65	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7439-96-5	**Manganese**	**346**		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-02-0	**Nickel**	**13.5**		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-09-7	**Potassium**	**795**		mg/kg dry	5.65	5.65	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-23-5	**Sodium**	**77.9**		mg/kg dry	11.3	11.3	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-62-2	**Vanadium**	**25.1**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW
7440-66-6	**Zinc**	**23.2**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:01	MW

Sample Information

Client Sample ID: SB-6 6-8ft **York Sample ID:** 14D0867-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0373	0.0373	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.396	0.565	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.2**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: SB-7 0-2ft **York Sample ID:** 14D0867-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK

Sample Information

Client Sample ID: **SB-7 0-2ft** **York Sample ID:** **14D0867-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	250	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
67-64-1	**Acetone**	**26**	B	ug/kg dry	6.1	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
108-86-1	Bromobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK

Sample Information

Client Sample ID: **SB-7 0-2ft** **York Sample ID:** **14D0867-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
91-20-3	**Naphthalene**	**7.4**	J, B	ug/kg dry	6.1	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	25	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	37	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 07:41	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.9 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*90-112*

Sample Information

Client Sample ID: **SB-7 0-2ft** **York Sample ID:** **14D0867-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**76.3**	J	ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
62-53-3	Aniline	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
120-12-7	**Anthracene**	**213**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
56-55-3	**Benzo(a)anthracene**	**542**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
50-32-8	**Benzo(a)pyrene**	**313**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
205-99-2	**Benzo(b)fluoranthene**	**373**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
191-24-2	**Benzo(g,h,i)perylene**	**128**	J	ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
207-08-9	**Benzo(k)fluoranthene**	**411**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
218-01-9	**Chrysene**	**536**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
53-70-3	**Dibenzo(a,h)anthracene**	**53.3**	J	ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
132-64-9	**Dibenzofuran**	**71.3**	J	ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	192	383	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
131-11-3	**Dimethyl phthalate**	**178**	J	ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	192	383	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR

Sample Information

Client Sample ID: **SB-7 0-2ft** **York Sample ID:** **14D0867-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
206-44-0	**Fluoranthene**	**1100**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
86-73-7	**Fluorene**	**83.6**	J	ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
78-59-1	Isophorone	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
91-20-3	**Naphthalene**	**182**	J	ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	96.6	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
85-01-8	**Phenanthrene**	**1110**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
108-95-2	Phenol	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
129-00-0	**Pyrene**	**1020**		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
110-86-1	Pyridine	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.3	192	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:07	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*28.0 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*32.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*26.9 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*25.2 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*17.2 %*	*10-150*

Sample Information

Client Sample ID: **SB-7 0-2ft** **York Sample ID:** **14D0867-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*30.4 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.1	96.1	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.49	9.49	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.59	7.59	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	1.90	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:14	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.6	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.82	19.6	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:18	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.6 %*	*30-140*

Sample Information

Client Sample ID: **SB-7 0-2ft** **York Sample ID:** **14D0867-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.6 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8880**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-36-0	Antimony	ND		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-38-2	**Arsenic**	**9.34**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-39-3	**Barium**	**193**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-43-9	**Cadmium**	**0.964**		mg/kg dry	0.345	0.345	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-70-2	**Calcium**	**8290**		mg/kg dry	0.575	5.75	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-48-4	**Cobalt**	**7.25**		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-50-8	**Copper**	**157**		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7439-89-6	**Iron**	**18100**		mg/kg dry	2.30	2.30	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7439-92-1	**Lead**	**165**		mg/kg dry	0.345	0.345	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7439-95-4	**Magnesium**	**1330**		mg/kg dry	5.75	5.75	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7439-96-5	**Manganese**	**237**		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-02-0	**Nickel**	**19.8**		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-09-7	**Potassium**	**994**		mg/kg dry	5.75	5.75	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-22-4	Silver	ND		mg/kg dry	0.575	0.575	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-23-5	**Sodium**	**407**		mg/kg dry	11.5	11.5	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-62-2	**Vanadium**	**28.5**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW
7440-66-6	**Zinc**	**126**		mg/kg dry	1.15	1.15	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:06	MW

Sample Information

Client Sample ID: SB-7 0-2ft **York Sample ID:** 14D0867-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0380	0.0380	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.9**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.403	0.575	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.9**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: SB-7 6-8ft **York Sample ID:** 14D0867-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK

Sample Information

Client Sample ID: **SB-7 6-8ft** **York Sample ID:** **14D0867-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	81	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
67-64-1	**Acetone**	**5.5**	J, B	ug/kg dry	2.0	8.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK

Sample Information

Client Sample ID: **SB-7 6-8ft** **York Sample ID:** **14D0867-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.0	8.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	04/25/2014 16:44	04/26/2014 08:23	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.6 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.1 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Sample Information

Client Sample ID: **SB-7 6-8ft** **York Sample ID:** **14D0867-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**110**	J	ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
62-53-3	Aniline	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
120-12-7	**Anthracene**	**218**		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
56-55-3	**Benzo(a)anthracene**	**355**		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
50-32-8	**Benzo(a)pyrene**	**142**	J	ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
205-99-2	**Benzo(b)fluoranthene**	**192**	J	ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
207-08-9	**Benzo(k)fluoranthene**	**199**	J	ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
218-01-9	**Chrysene**	**336**		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	201	402	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	201	402	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR

Sample Information

Client Sample ID: **SB-7 6-8ft** **York Sample ID:** **14D0867-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
206-44-0	**Fluoranthene**	**639**		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
86-73-7	**Fluorene**	**95.3**	J	ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**51.1**	J	ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
78-59-1	Isophorone	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	101	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
85-01-8	**Phenanthrene**	**806**		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
108-95-2	Phenol	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
129-00-0	**Pyrene**	**699**		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
110-86-1	Pyridine	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.7	201	1	EPA 8270D	04/24/2014 07:35	04/24/2014 17:40	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*56.6 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*59.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*43.3 %*	*10-126*

Sample Information

Client Sample ID: SB-7 6-8ft

York Sample ID: 14D0867-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*36.9 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*50.1 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.95	9.95	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.96	7.96	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:45	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.5	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.20	20.5	1	EPA 8081B/8082A	04/28/2014 09:27	04/28/2014 11:20	JW

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **SB-7 6-8ft** **York Sample ID:** **14D0867-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.4 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.8 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9050**		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-36-0	Antimony	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-38-2	**Arsenic**	**6.37**		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-39-3	**Barium**	**145**		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-43-9	**Cadmium**	**0.631**		mg/kg dry	0.362	0.362	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-70-2	**Calcium**	**2210**		mg/kg dry	0.603	6.03	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-48-4	**Cobalt**	**6.68**		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-50-8	**Copper**	**69.0**		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7439-89-6	**Iron**	**17300**		mg/kg dry	2.41	2.41	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7439-92-1	**Lead**	**205**		mg/kg dry	0.362	0.362	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7439-95-4	**Magnesium**	**2240**		mg/kg dry	6.03	6.03	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7439-96-5	**Manganese**	**279**		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-02-0	**Nickel**	**18.2**		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-09-7	**Potassium**	**979**		mg/kg dry	6.03	6.03	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7782-49-2	Selenium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-22-4	Silver	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-23-5	**Sodium**	**149**		mg/kg dry	12.1	12.1	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-62-2	**Vanadium**	**26.8**		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW
7440-66-6	**Zinc**	**150**		mg/kg dry	1.21	1.21	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:11	MW

Sample Information

Client Sample ID: SB-7 6-8ft **York Sample ID:** 14D0867-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0398	0.0398	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.422	0.603	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.5**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: SB-8 0-2ft **York Sample ID:** 14D0867-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
67-64-1	**Acetone**	**9.9**	J, B	ug/kg dry	2.5	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
127-18-4	**Tetrachloroethylene**	**27**		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	04/25/2014 16:44	04/26/2014 09:06	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.5 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*111 %*	*90-112*

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
62-53-3	Aniline	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
120-12-7	Anthracene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
56-55-3	**Benzo(a)anthracene**	**128**	J	ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
50-32-8	**Benzo(a)pyrene**	**82.1**	J	ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
205-99-2	**Benzo(b)fluoranthene**	**176**	J	ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
207-08-9	**Benzo(k)fluoranthene**	**103**	J	ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
218-01-9	**Chrysene**	**143**	J	ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	179	357	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	179	357	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
206-44-0	**Fluoranthene**	**240**		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
86-73-7	Fluorene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
78-59-1	Isophorone	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.9	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
85-01-8	**Phenanthrene**	**172**	J	ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
108-95-2	Phenol	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
129-00-0	**Pyrene**	**254**		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
110-86-1	Pyridine	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.0	178	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:12	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.1 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*45.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*35.9 %*	*10-140*

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*35.0 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*28.8 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*38.6 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	89.4	89.4	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.83	8.83	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.07	7.07	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 13:46	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.28	18.2	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 10:48	JW

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.8 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7720**		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-36-0	Antimony	ND		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-38-2	**Arsenic**	**13.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-39-3	**Barium**	**313**		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-43-9	**Cadmium**	**0.619**		mg/kg dry	0.321	0.321	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-70-2	**Calcium**	**7310**		mg/kg dry	0.535	5.35	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-48-4	**Cobalt**	**5.05**		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-50-8	**Copper**	**31.6**		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7439-89-6	**Iron**	**15900**		mg/kg dry	2.14	2.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7439-92-1	**Lead**	**208**		mg/kg dry	0.321	0.321	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7439-95-4	**Magnesium**	**1180**		mg/kg dry	5.35	5.35	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7439-96-5	**Manganese**	**173**		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-02-0	**Nickel**	**16.2**		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-09-7	**Potassium**	**945**		mg/kg dry	5.35	5.35	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7782-49-2	Selenium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.535	0.535	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-23-5	**Sodium**	**447**		mg/kg dry	10.7	10.7	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW
7440-66-6	**Zinc**	**105**		mg/kg dry	1.07	1.07	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:29	MW

Sample Information

Client Sample ID: **SB-8 0-2ft** **York Sample ID:** **14D0867-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0353	0.0353	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.375	0.535	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.9**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
67-64-1	**Acetone**	**11**	CCV-E, B	ug/kg dry	2.3	9.1	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
127-18-4	**Tetrachloroethylene**	**3.6**	J	ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*90-112*

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
62-53-3	Aniline	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
120-12-7	Anthracene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
218-01-9	Chrysene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	189	378	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	189	378	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
206-44-0	Fluoranthene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
86-73-7	Fluorene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
78-59-1	Isophorone	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	95.3	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
85-01-8	Phenanthrene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
108-95-2	Phenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
129-00-0	Pyrene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
110-86-1	Pyridine	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	189	1	EPA 8270D	04/24/2014 07:35	04/24/2014 18:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.6 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*40.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.4 %*	*10-140*

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*31.6 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*24.4 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*40.9 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.7	94.7	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.36	9.36	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.49	7.49	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:02	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.3	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.72	19.3	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:17	JW

Sample Information

Client Sample ID: **SB-8 6-8ft** **York Sample ID:** **14D0867-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.3 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8720**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-36-0	Antimony	ND		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-38-2	**Arsenic**	**3.28**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-39-3	**Barium**	**42.5**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-43-9	**Cadmium**	**0.464**		mg/kg dry	0.340	0.340	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-70-2	**Calcium**	**1040**		mg/kg dry	0.567	5.67	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-47-3	**Chromium**	**14.5**		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-48-4	**Cobalt**	**7.31**		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-50-8	**Copper**	**13.2**		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7439-89-6	**Iron**	**16300**		mg/kg dry	2.27	2.27	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7439-92-1	**Lead**	**9.11**		mg/kg dry	0.340	0.340	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7439-95-4	**Magnesium**	**2170**		mg/kg dry	5.67	5.67	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7439-96-5	**Manganese**	**293**		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-02-0	**Nickel**	**15.9**		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-09-7	**Potassium**	**851**		mg/kg dry	5.67	5.67	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-23-5	**Sodium**	**79.0**		mg/kg dry	11.3	11.3	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-62-2	**Vanadium**	**24.7**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW
7440-66-6	**Zinc**	**25.9**		mg/kg dry	1.13	1.13	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:34	MW

Sample Information

Client Sample ID: SB-8 6-8ft **York Sample ID:** 14D0867-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0374	0.0374	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.397	0.567	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.7**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: SB-9 0-2ft **York Sample ID:** 14D0867-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
78-93-3	**2-Butanone**	**3.7**	J	ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
67-64-1	**Acetone**	**34**	CCV-E, B	ug/kg dry	2.4	9.4	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.4	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.4	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
108-88-3	**Toluene**	**2.6**	J	ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 19:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.0 %*	*90-112*

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
62-53-3	Aniline	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
120-12-7	**Anthracene**	**296**	J	ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
56-55-3	**Benzo(a)anthracene**	**839**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
50-32-8	**Benzo(a)pyrene**	**489**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
205-99-2	**Benzo(b)fluoranthene**	**703**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
207-08-9	**Benzo(k)fluoranthene**	**261**	J	ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
218-01-9	**Chrysene**	**809**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	382	761	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	382	762	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
206-44-0	**Fluoranthene**	**1580**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
86-73-7	Fluorene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
78-59-1	Isophorone	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
91-20-3	Naphthalene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	192	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
85-01-8	**Phenanthrene**	**1290**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
108-95-2	Phenol	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
129-00-0	**Pyrene**	**1630**		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
110-86-1	Pyridine	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	96.0	381	2	EPA 8270D	04/24/2014 07:35	04/24/2014 19:17	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*40.1 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*43.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.7 %*	*10-140*

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*36.7 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*28.5 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*46.9 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	9.43	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.55	7.55	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:17	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.77	19.4	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 11:47	JW

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.8 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8000**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-38-2	**Arsenic**	**5.05**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-39-3	**Barium**	**303**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-43-9	**Cadmium**	**0.858**		mg/kg dry	0.343	0.343	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-70-2	**Calcium**	**53400**		mg/kg dry	0.572	5.72	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-48-4	**Cobalt**	**8.74**		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-50-8	**Copper**	**41.9**		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7439-89-6	**Iron**	**12800**		mg/kg dry	2.29	2.29	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7439-92-1	**Lead**	**450**		mg/kg dry	0.343	0.343	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7439-95-4	**Magnesium**	**4870**		mg/kg dry	5.72	5.72	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7439-96-5	**Manganese**	**274**		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-02-0	**Nickel**	**20.9**		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-09-7	**Potassium**	**4140**		mg/kg dry	5.72	5.72	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-23-5	**Sodium**	**1070**		mg/kg dry	11.4	11.4	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW
7440-66-6	**Zinc**	**152**		mg/kg dry	1.14	1.14	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:39	MW

Sample Information

Client Sample ID: **SB-9 0-2ft** **York Sample ID:** **14D0867-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0377	0.0377	1	EPA 7471B	04/24/2014 09:46	04/25/2014 16:30	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.5**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.400	0.572	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.2**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	38	77	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
67-64-1	**Acetone**	**6.3**	CCV-E, J, B	ug/kg dry	1.9	7.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
71-43-2	Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.9	7.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.9	7.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.8	7.7	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
100-42-5	Styrene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
108-88-3	Toluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.9	3.8	1	EPA 8260C	04/25/2014 17:00	04/26/2014 20:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*90-112*

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
62-53-3	Aniline	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
120-12-7	Anthracene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
218-01-9	Chrysene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	195	390	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	195	390	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
206-44-0	**Fluoranthene**	**72.6**	J	ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
86-73-7	Fluorene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
78-59-1	Isophorone	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	98.3	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
85-01-8	**Phenanthrene**	**52.3**	J	ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
108-95-2	Phenol	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
129-00-0	**Pyrene**	**68.3**	J	ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
110-86-1	Pyridine	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.1	195	1	EPA 8270D	04/24/2014 07:35	04/24/2014 19:51	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*43.5 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*44.9 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*34.1 %*	*10-140*

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*33.8 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*27.9 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*43.0 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	97.7	97.7	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.65	9.65	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.72	7.72	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	04/24/2014 13:40	04/25/2014 14:33	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.9	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.96	19.9	1	EPA 8081B/8082A	04/24/2014 13:40	04/28/2014 12:16	JW

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8670**		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-36-0	Antimony	ND		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-38-2	**Arsenic**	**3.12**		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-39-3	**Barium**	**54.7**		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-43-9	**Cadmium**	**0.730**		mg/kg dry	0.351	0.351	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-70-2	**Calcium**	**6310**		mg/kg dry	0.585	5.85	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-48-4	**Cobalt**	**7.32**		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-50-8	**Copper**	**19.8**		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7439-89-6	**Iron**	**20700**		mg/kg dry	2.34	2.34	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7439-92-1	**Lead**	**58.1**		mg/kg dry	0.351	0.351	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7439-95-4	**Magnesium**	**1880**		mg/kg dry	5.85	5.85	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7439-96-5	**Manganese**	**299**		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-02-0	**Nickel**	**15.8**		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-09-7	**Potassium**	**962**		mg/kg dry	5.85	5.85	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7782-49-2	Selenium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-22-4	Silver	ND		mg/kg dry	0.585	0.585	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-23-5	**Sodium**	**188**		mg/kg dry	11.7	11.7	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-62-2	**Vanadium**	**31.8**		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW
7440-66-6	**Zinc**	**41.8**		mg/kg dry	1.17	1.17	1	EPA 6010C	04/23/2014 09:08	04/23/2014 12:43	MW

Sample Information

Client Sample ID: **SB-9 6-8ft** **York Sample ID:** **14D0867-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Soil	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0386	0.0386	1	EPA 7471B	04/28/2014 09:48	04/28/2014 17:07	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.5**		%	0.100	0.100	1	SM 2540G	04/28/2014 15:32	04/28/2014 17:03	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.410	0.585	1	EPA 7196A	04/28/2014 07:39	04/28/2014 13:09	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.5**		mg/kg	0.250	0.500	1	Calculation	04/28/2014 13:12	04/28/2014 13:22	SC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
67-64-1	**Acetone**	**6.0**		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 15:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.3 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.7 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*95.0 %*	*88-114*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.37**	B	ug/L	0.513	0.513	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/24/2014 07:58	04/25/2014 01:02	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/24/2014 07:58	04/24/2014 20:23	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.6 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*16.8 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.3 %*	*10-120*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*40.2 %*			*10-108*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*36.6 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.4 %*			*10-143*						

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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:28	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	04/25/2014 05:33	04/25/2014 16:02	JW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.4 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-70-2	**Calcium**	**3.92**		mg/L	0.050	0.050	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7439-95-4	**Magnesium**	**0.830**		mg/L	0.050	0.050	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-09-7	**Potassium**	**0.722**		mg/L	0.050	0.050	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-23-5	**Sodium**	**6.49**		mg/L	0.100	0.100	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW
7440-66-6	**Zinc**	**0.011**		mg/L	0.010	0.010	1	EPA 6010C	04/23/2014 14:02	04/24/2014 00:58	MW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D0867-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 3:00 pm	04/22/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/25/2014 09:50	04/28/2014 17:00	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	0.0100	1	EPA 7196A	04/23/2014 07:57	04/24/2014 16:39	SC

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	04/28/2014 15:29	04/28/2014 15:32	SC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14D0867-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 12:00 am	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14D0867-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 12:00 am	04/22/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
67-64-1	**Acetone**	**5.7**		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14D0867-20**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0867	#140078 120 Union Ave. Brooklyn, NY	Water	April 21, 2014 12:00 am	04/22/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/24/2014 08:02	04/24/2014 16:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.2 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*95.4 %*	*88-114*

Analytical Batch Summary

Batch ID: BD41103 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/23/14
BD41103-BLK1	Blank	04/23/14
BD41103-BS1	LCS	04/23/14

Batch ID: BD41115 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/23/14
14D0867-02	SB-1 2-4ft	04/23/14
14D0867-03	SB-2 0-2ft	04/23/14
14D0867-04	SB-2 6-8ft	04/23/14
14D0867-05	SB-3 0-2ft	04/23/14
14D0867-06	SB-3 6-8ft	04/23/14
14D0867-07	SB-4 0-2ft	04/23/14
14D0867-08	SB-4 6-8ft	04/23/14
14D0867-09	SB-5 0-2ft	04/23/14
14D0867-10	SB-5 6-8ft	04/23/14
14D0867-11	SB-6 0-2ft	04/23/14
14D0867-12	SB-6 6-8ft	04/23/14
14D0867-13	SB-7 0-2ft	04/23/14
14D0867-14	SB-7 6-8ft	04/23/14
14D0867-15	SB-8 0-2ft	04/23/14
14D0867-16	SB-8 6-8ft	04/23/14
14D0867-17	SB-9 0-2ft	04/23/14
14D0867-18	SB-9 6-8ft	04/23/14
BD41115-BLK1	Blank	04/23/14
BD41115-SRM1	Reference	04/23/14

Batch ID: BD41134 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/23/14
BD41134-BLK1	Blank	04/23/14
BD41134-SRM1	Reference	04/23/14
BD41134-SRM2	Reference	04/23/14

Batch ID: BD41178 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/24/14
14D0867-02	SB-1 2-4ft	04/24/14
14D0867-03	SB-2 0-2ft	04/24/14
14D0867-04	SB-2 6-8ft	04/24/14
14D0867-05	SB-3 0-2ft	04/24/14

14D0867-06	SB-3 6-8ft	04/24/14
14D0867-07	SB-4 0-2ft	04/24/14
14D0867-08	SB-4 6-8ft	04/24/14
14D0867-09	SB-5 0-2ft	04/24/14
14D0867-10	SB-5 6-8ft	04/24/14
14D0867-11	SB-6 0-2ft	04/24/14
14D0867-12	SB-6 6-8ft	04/24/14
14D0867-13	SB-7 0-2ft	04/24/14
14D0867-15	SB-8 0-2ft	04/24/14
14D0867-16	SB-8 6-8ft	04/24/14
14D0867-17	SB-9 0-2ft	04/24/14
14D0867-18	SB-9 6-8ft	04/24/14
BD41178-BLK1	Blank	04/24/14
BD41178-BS1	LCS	04/24/14
BD41178-BS2	LCS	04/24/14
BD41178-BSD1	LCS Dup	04/24/14

Batch ID: BD41181 **Preparation Method:** EPA 3550C **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/24/14
14D0867-02	SB-1 2-4ft	04/24/14
14D0867-03	SB-2 0-2ft	04/24/14
14D0867-04	SB-2 6-8ft	04/24/14
14D0867-05	SB-3 0-2ft	04/24/14
14D0867-06	SB-3 6-8ft	04/24/14
14D0867-07	SB-4 0-2ft	04/24/14
14D0867-08	SB-4 6-8ft	04/24/14
14D0867-09	SB-5 0-2ft	04/24/14
14D0867-10	SB-5 6-8ft	04/24/14
14D0867-11	SB-6 0-2ft	04/24/14
14D0867-12	SB-6 6-8ft	04/24/14
14D0867-13	SB-7 0-2ft	04/24/14
14D0867-14	SB-7 6-8ft	04/24/14
14D0867-15	SB-8 0-2ft	04/24/14
14D0867-16	SB-8 6-8ft	04/24/14
14D0867-17	SB-9 0-2ft	04/24/14
14D0867-18	SB-9 6-8ft	04/24/14
BD41181-BLK1	Blank	04/24/14
BD41181-BS1	LCS	04/24/14
BD41181-BSD1	LCS Dup	04/24/14

Batch ID: BD41183 **Preparation Method:** EPA 3510C **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/24/14
BD41183-BLK1	Blank	04/24/14
BD41183-BS1	LCS	04/24/14

Batch ID: BD41191 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/24/14
14D0867-02	SB-1 2-4ft	04/24/14
14D0867-03	SB-2 0-2ft	04/24/14
14D0867-04	SB-2 6-8ft	04/24/14
14D0867-05	SB-3 0-2ft	04/24/14
14D0867-06	SB-3 6-8ft	04/24/14
14D0867-07	SB-4 0-2ft	04/24/14
14D0867-08	SB-4 6-8ft	04/24/14
14D0867-09	SB-5 0-2ft	04/24/14
14D0867-10	SB-5 6-8ft	04/24/14
14D0867-11	SB-6 0-2ft	04/24/14
14D0867-12	SB-6 6-8ft	04/24/14
14D0867-13	SB-7 0-2ft	04/24/14
14D0867-14	SB-7 6-8ft	04/24/14
14D0867-15	SB-8 0-2ft	04/24/14
14D0867-16	SB-8 6-8ft	04/24/14
14D0867-17	SB-9 0-2ft	04/24/14
BD41191-BLK1	Blank	04/24/14
BD41191-BS1	LCS	04/24/14
BD41191-DUP1	Duplicate	04/24/14
BD41191-MS1	Matrix Spike	04/24/14

Batch ID: BD41215 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/24/14
14D0867-20	Trip Blank	04/24/14
BD41215-BLK1	Blank	04/24/14
BD41215-BS1	LCS	04/24/14
BD41215-BSD1	LCS Dup	04/24/14

Batch ID: BD41223 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/24/14
14D0867-02	SB-1 2-4ft	04/24/14
BD41223-BLK1	Blank	04/24/14
BD41223-BS1	LCS	04/24/14
BD41223-BSD1	LCS Dup	04/24/14

Batch ID: BD41244 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/25/14
BD41244-BLK1	Blank	04/25/14
BD41244-BS1	LCS	04/25/14
BD41244-BS2	LCS	04/25/14
BD41244-BSD1	LCS Dup	04/25/14
BD41244-BSD2	LCS Dup	04/25/14

Batch ID: BD41254 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/25/14
14D0867-02	SB-1 2-4ft	04/25/14
14D0867-03	SB-2 0-2ft	04/25/14
14D0867-04	SB-2 6-8ft	04/25/14
14D0867-05	SB-3 0-2ft	04/25/14

Batch ID: BD41261 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/25/14
14D0867-02	SB-1 2-4ft	04/25/14
14D0867-03	SB-2 0-2ft	04/25/14
14D0867-04	SB-2 6-8ft	04/25/14
14D0867-05	SB-3 0-2ft	04/25/14
14D0867-06	SB-3 6-8ft	04/25/14
14D0867-07	SB-4 0-2ft	04/25/14
14D0867-08	SB-4 6-8ft	04/25/14
14D0867-09	SB-5 0-2ft	04/25/14
14D0867-10	SB-5 6-8ft	04/25/14
BD41261-BLK1	Blank	04/25/14
BD41261-SRM1	Reference	04/25/14

Batch ID: BD41265 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/25/14
BD41265-BLK1	Blank	04/25/14
BD41265-BLK2	Blank	04/25/14
BD41265-BS1	LCS	04/25/14
BD41265-BS2	LCS	04/25/14

Batch ID: BD41299 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-01	SB-1 0-2ft	04/25/14
14D0867-02	SB-1 2-4ft	04/25/14
14D0867-03	SB-2 0-2ft	04/25/14
14D0867-04	SB-2 6-8ft	04/25/14
14D0867-05	SB-3 0-2ft	04/25/14
14D0867-06	SB-3 6-8ft	04/25/14
14D0867-07	SB-4 0-2ft	04/25/14
14D0867-08	SB-4 6-8ft	04/25/14
14D0867-09	SB-5 0-2ft	04/25/14
14D0867-10	SB-5 6-8ft	04/25/14

Batch ID: BD41314 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-14	SB-7 6-8ft	04/28/14
BD41314-BLK1	Blank	04/28/14
BD41314-BS1	LCS	04/28/14
BD41314-BS2	LCS	04/28/14
BD41314-BSD1	LCS Dup	04/28/14
BD41314-BSD2	LCS Dup	04/28/14
BD41314-MS1	Matrix Spike	04/28/14

Batch ID: BD41317 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-11	SB-6 0-2ft	04/28/14
14D0867-12	SB-6 6-8ft	04/28/14
14D0867-13	SB-7 0-2ft	04/28/14
14D0867-14	SB-7 6-8ft	04/28/14
14D0867-15	SB-8 0-2ft	04/28/14
14D0867-16	SB-8 6-8ft	04/28/14
14D0867-17	SB-9 0-2ft	04/28/14
14D0867-18	SB-9 6-8ft	04/28/14
BD41317-BLK1	Blank	04/28/14
BD41317-SRM1	Reference	04/28/14

Batch ID: BD41327 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-04	SB-2 6-8ft	04/25/14
14D0867-06	SB-3 6-8ft	04/25/14
14D0867-07	SB-4 0-2ft	04/25/14
14D0867-08	SB-4 6-8ft	04/25/14
14D0867-09	SB-5 0-2ft	04/25/14
14D0867-10	SB-5 6-8ft	04/25/14
14D0867-11	SB-6 0-2ft	04/25/14
14D0867-12	SB-6 6-8ft	04/25/14
14D0867-13	SB-7 0-2ft	04/25/14
14D0867-14	SB-7 6-8ft	04/25/14
14D0867-15	SB-8 0-2ft	04/25/14
BD41327-BLK1	Blank	04/25/14
BD41327-BLK2	Blank	04/25/14
BD41327-BS1	LCS	04/25/14
BD41327-BSD1	LCS Dup	04/25/14

Batch ID: BD41329 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-16	SB-8 6-8ft	04/25/14
14D0867-17	SB-9 0-2ft	04/25/14
14D0867-18	SB-9 6-8ft	04/25/14

BD41329-BLK1	Blank	04/25/14
BD41329-BS1	LCS	04/25/14
BD41329-BSD1	LCS Dup	04/25/14

Batch ID: BD41342 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-18	SB-9 6-8ft	04/28/14
BD41342-BLK1	Blank	04/28/14
BD41342-BS1	LCS	04/28/14

Batch ID: BD41354 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-11	SB-6 0-2ft	04/28/14
14D0867-12	SB-6 6-8ft	04/28/14
14D0867-13	SB-7 0-2ft	04/28/14
14D0867-14	SB-7 6-8ft	04/28/14
14D0867-15	SB-8 0-2ft	04/28/14
14D0867-16	SB-8 6-8ft	04/28/14
14D0867-17	SB-9 0-2ft	04/28/14
14D0867-18	SB-9 6-8ft	04/28/14

Batch ID: BD41357 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-03	SB-2 0-2ft	04/28/14
14D0867-05	SB-3 0-2ft	04/28/14
BD41357-BLK1	Blank	04/28/14
BD41357-BS1	LCS	04/28/14
BD41357-BSD1	LCS Dup	04/28/14

Batch ID: BD41377 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-19	Field Blank	04/28/14

Batch ID: BD41378 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14D0867-06	SB-3 6-8ft	04/28/14
14D0867-07	SB-4 0-2ft	04/28/14
14D0867-08	SB-4 6-8ft	04/28/14
14D0867-09	SB-5 0-2ft	04/28/14
14D0867-10	SB-5 6-8ft	04/28/14
14D0867-11	SB-6 0-2ft	04/28/14
14D0867-12	SB-6 6-8ft	04/28/14
14D0867-13	SB-7 0-2ft	04/28/14

14D0867-14	SB-7 6-8ft	04/28/14
14D0867-15	SB-8 0-2ft	04/28/14
14D0867-16	SB-8 6-8ft	04/28/14
14D0867-17	SB-9 0-2ft	04/28/14
14D0867-18	SB-9 6-8ft	04/28/14

Volatile Organic Compounds by GC/MS - 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 BD41215 - EPA 5030B											
Blank (BD41215-BLK1)								Prepared & Analyzed: 04/24/2014			
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	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	5.0	"								
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	5.0	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - 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 BD41215 - EPA 5030B											
Blank (BD41215-BLK1)								Prepared & Analyzed: 04/24/2014			
p- & m- Xylenes	ND	10	ug/L								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.28*		*"*	*10.0*		*92.8*	*70-128*				
Surrogate: Toluene-d8	*9.40*		*"*	*10.0*		*94.0*	*88-114*				
LCS (BD41215-BS1)								Prepared & Analyzed: 04/24/2014			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	85-118				
1,1,1-Trichloroethane	11		"	10.0		109	74-128				
1,1,2,2-Tetrachloroethane	9.4		"	10.0		94.0	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.6		"	10.0		95.8	51-157				
1,1,2-Trichloroethane	9.5		"	10.0		95.2	80-122				
1,1-Dichloroethane	10		"	10.0		103	70-131				
1,1-Dichloroethylene	10		"	10.0		104	60-143				
1,1-Dichloropropylene	11		"	10.0		110	78-122				
1,2,3-Trichlorobenzene	9.5		"	10.0		95.4	68-140				
1,2,3-Trichloropropane	9.8		"	10.0		98.5	77-125				
1,2,4-Trichlorobenzene	9.9		"	10.0		98.8	65-143				
1,2,4-Trimethylbenzene	10		"	10.0		105	83-121				
1,2-Dibromo-3-chloropropane	6.4		"	10.0		63.5	60-146				
1,2-Dibromoethane	9.8		"	10.0		98.0	82-122				
1,2-Dichlorobenzene	8.4		"	10.0		84.5	85-115	Low Bias			
1,2-Dichloroethane	9.6		"	10.0		96.0	72-126				
1,2-Dichloropropane	9.0		"	10.0		89.9	78-119				
1,3,5-Trimethylbenzene	10		"	10.0		102	84-118				
1,3-Dichlorobenzene	9.7		"	10.0		97.4	83-117				
1,3-Dichloropropane	9.5		"	10.0		95.4	79-121				
1,4-Dichlorobenzene	9.9		"	10.0		99.2	83-118				
2,2-Dichloropropane	10		"	10.0		102	60-135				
2-Butanone	9.6		"	10.0		95.9	48-156				
2-Chlorotoluene	10		"	10.0		101	81-118				
4-Chlorotoluene	10		"	10.0		101	81-117				
Acetone	11		"	10.0		108	21-172				
Benzene	11		"	10.0		105	82-120				
Bromobenzene	9.7		"	10.0		97.4	82-119				
Bromochloromethane	8.8		"	10.0		88.4	69-125				
Bromodichloromethane	9.4		"	10.0		94.4	84-117				
Bromoform	9.9		"	10.0		98.7	77-130				
Bromomethane	11		"	10.0		113	16-162				
Carbon tetrachloride	11		"	10.0		109	72-132				

Volatile Organic Compounds by GC/MS - 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 BD41215 - EPA 5030B											
LCS (BD41215-BS1)							Prepared & Analyzed: 04/24/2014				
Chlorobenzene	10		ug/L	10.0		101	88-112				
Chloroethane	10		"	10.0		104	29-172				
Chloroform	10		"	10.0		102	77-124				
Chloromethane	9.3		"	10.0		92.6	37-131				
cis-1,2-Dichloroethylene	10		"	10.0		101	77-124				
cis-1,3-Dichloropropylene	10		"	10.0		101	81-117				
Dibromochloromethane	9.7		"	10.0		97.3	72-131				
Dibromomethane	7.8		"	10.0		78.2	85-116	Low Bias			
Dichlorodifluoromethane	9.4		"	10.0		93.8	47-152				
Ethyl Benzene	10		"	10.0		103	86-114				
Hexachlorobutadiene	9.2		"	10.0		91.9	68-139				
Isopropylbenzene	10		"	10.0		103	84-118				
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		93.8	49-156				
Methylene chloride	8.9		"	10.0		88.8	51-145				
Naphthalene	10		"	10.0		100	67-141				
n-Butylbenzene	9.9		"	10.0		98.6	76-125				
n-Propylbenzene	10		"	10.0		99.7	84-118				
o-Xylene	9.8		"	10.0		98.1	85-114				
p- & m- Xylenes	20		"	20.0		99.5	84-117				
p-Isopropyltoluene	10		"	10.0		104	84-121				
sec-Butylbenzene	10		"	10.0		101	85-119				
Styrene	9.8		"	10.0		98.1	77-126				
tert-Butylbenzene	10		"	10.0		102	83-119				
Tetrachloroethylene	11		"	10.0		106	75-129				
Toluene	10		"	10.0		104	86-113				
trans-1,2-Dichloroethylene	10		"	10.0		105	55-148				
trans-1,3-Dichloropropylene	9.9		"	10.0		99.2	77-120				
Trichloroethylene	11		"	10.0		105	85-115				
Trichlorofluoromethane	10		"	10.0		101	69-131				
Vinyl Chloride	10		"	10.0		99.7	44-152				
Vinyl acetate	8.1		"	10.0		81.4	48-145				
Surrogate: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*70-128*				
Surrogate: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*88-114*				

Volatile Organic Compounds by GC/MS - 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 BD41215 - EPA 5030B											
LCS Dup (BD41215-BSD1)							Prepared & Analyzed: 04/24/2014				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	85-118		1.82	30	
1,1,1-Trichloroethane	11		"	10.0		108	74-128		0.925	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	71-130		8.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.8		"	10.0		98.1	51-157		2.37	30	
1,1,2-Trichloroethane	10		"	10.0		105	80-122		9.60	30	
1,1-Dichloroethane	9.9		"	10.0		98.9	70-131		3.87	30	
1,1-Dichloroethylene	11		"	10.0		106	60-143		1.72	30	
1,1-Dichloropropylene	11		"	10.0		112	78-122		0.991	30	
1,2,3-Trichlorobenzene	11		"	10.0		106	68-140		10.7	30	
1,2,3-Trichloropropane	11		"	10.0		113	77-125		13.7	30	
1,2,4-Trichlorobenzene	10		"	10.0		103	65-143		3.87	30	
1,2,4-Trimethylbenzene	10		"	10.0		105	83-121		0.0954	30	
1,2-Dibromo-3-chloropropane	7.3		"	10.0		72.6	60-146		13.4	30	
1,2-Dibromoethane	10		"	10.0		105	82-122		6.71	30	
1,2-Dichlorobenzene	8.7		"	10.0		87.3	85-115		3.26	30	
1,2-Dichloroethane	11		"	10.0		108	72-126		12.0	30	
1,2-Dichloropropane	9.0		"	10.0		90.4	78-119		0.555	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	84-118		0.294	30	
1,3-Dichlorobenzene	10		"	10.0		101	83-117		3.63	30	
1,3-Dichloropropane	10		"	10.0		103	79-121		8.05	30	
1,4-Dichlorobenzene	10		"	10.0		101	83-118		1.80	30	
2,2-Dichloropropane	10		"	10.0		103	60-135		0.875	30	
2-Butanone	11		"	10.0		108	48-156		11.9	30	
2-Chlorotoluene	10		"	10.0		99.5	81-118		1.50	30	
4-Chlorotoluene	9.9		"	10.0		99.4	81-117		1.89	30	
Acetone	12		"	10.0		124	21-172		14.6	30	
Benzene	11		"	10.0		106	82-120		1.04	30	
Bromobenzene	10		"	10.0		101	82-119		3.23	30	
Bromochloromethane	9.4		"	10.0		94.4	69-125		6.56	30	
Bromodichloromethane	9.9		"	10.0		98.8	84-117		4.55	30	
Bromoform	11		"	10.0		106	77-130		7.23	30	
Bromomethane	11		"	10.0		113	16-162		0.265	30	
Carbon tetrachloride	11		"	10.0		110	72-132		1.28	30	
Chlorobenzene	10		"	10.0		102	88-112		0.689	30	
Chloroethane	10		"	10.0		102	29-172		1.95	30	
Chloroform	10		"	10.0		104	77-124		1.85	30	
Chloromethane	9.7		"	10.0		97.3	37-131		4.95	30	
cis-1,2-Dichloroethylene	10		"	10.0		102	77-124		0.885	30	
cis-1,3-Dichloropropylene	11		"	10.0		105	81-117		4.46	30	
Dibromochloromethane	11		"	10.0		105	72-131		7.80	30	
Dibromomethane	9.6		"	10.0		96.2	85-116		20.6	30	
Dichlorodifluoromethane	10		"	10.0		101	47-152		7.29	30	
Ethyl Benzene	9.9		"	10.0		98.8	86-114		4.36	30	
Hexachlorobutadiene	9.5		"	10.0		95.4	68-139		3.74	30	
Isopropylbenzene	10		"	10.0		100	84-118		2.46	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	49-156		8.18	30	
Methylene chloride	9.6		"	10.0		95.6	51-145		7.38	30	
Naphthalene	11		"	10.0		114	67-141		13.2	30	
n-Butylbenzene	9.7		"	10.0		97.2	76-125		1.43	30	
n-Propylbenzene	9.8		"	10.0		98.0	84-118		1.72	30	
o-Xylene	9.7		"	10.0		96.9	85-114		1.23	30	

Volatile Organic Compounds by GC/MS - 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 BD41215 - EPA 5030B											
LCS Dup (BD41215-BSD1)								Prepared & Analyzed: 04/24/2014			
p- & m- Xylenes	20		ug/L	20.0		98.4	84-117		1.11	30	
p-Isopropyltoluene	10		"	10.0		101	84-121		2.54	30	
sec-Butylbenzene	9.8		"	10.0		98.5	85-119		2.90	30	
Styrene	9.7		"	10.0		96.9	77-126		1.23	30	
tert-Butylbenzene	10		"	10.0		102	83-119		0.0984	30	
Tetrachloroethylene	11		"	10.0		106	75-129		0.471	30	
Toluene	10		"	10.0		103	86-113		1.35	30	
trans-1,2-Dichloroethylene	10		"	10.0		104	55-148		0.671	30	
trans-1,3-Dichloropropylene	10		"	10.0		101	77-120		1.90	30	
Trichloroethylene	10		"	10.0		105	85-115		0.476	30	
Trichlorofluoromethane	10		"	10.0		103	69-131		1.97	30	
Vinyl Chloride	10		"	10.0		102	44-152		2.67	30	
Vinyl acetate	9.3		"	10.0		93.3	48-145		13.6	30	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*70-128*				
Surrogate: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*88-114*				
Batch BD41223 - EPA 5035A											
Blank (BD41223-BLK1)								Prepared & Analyzed: 04/24/2014			
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	5.6	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	4.3	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	3.7	5.0	"								
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	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	6.7	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

Volatile Organic Compounds by GC/MS - 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 BD41223 - EPA 5035A											
Blank (BD41223-BLK1)								Prepared & Analyzed: 04/24/2014			
Bromomethane	ND	5.0	ug/kg wet								
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	3.9	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	9.1	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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*42.1*		*ug/L*	*50.0*		*84.1*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.3*	*75-127*				
Surrogate: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*90-112*				

Volatile Organic Compounds by GC/MS - 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 BD41223 - EPA 5035A											
LCS (BD41223-BS1)							Prepared & Analyzed: 04/24/2014				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	72-126				
1,1,1-Trichloroethane	45		"	50.0		90.0	74-126				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		94.8	47-160				
1,1,2-Trichloroethane	53		"	50.0		106	81-124				
1,1-Dichloroethane	43		"	50.0		86.2	80-125				
1,1-Dichloroethylene	44		"	50.0		88.8	62-136				
1,1-Dichloropropylene	50		"	50.0		101	81-121				
1,2,3-Trichlorobenzene	56		"	50.0		112	63-154				
1,2,3-Trichloropropane	52		"	50.0		104	70-126				
1,2,4-Trichlorobenzene	53		"	50.0		107	61-158				
1,2,4-Trimethylbenzene	52		"	50.0		104	83-123				
1,2-Dibromo-3-chloropropane	55		"	50.0		110	48-152				
1,2-Dibromoethane	53		"	50.0		107	81-123				
1,2-Dichlorobenzene	52		"	50.0		104	81-117				
1,2-Dichloroethane	45		"	50.0		89.8	67-129				
1,2-Dichloropropane	54		"	50.0		107	74-127				
1,3,5-Trimethylbenzene	52		"	50.0		103	81-120				
1,3-Dichlorobenzene	51		"	50.0		103	84-117				
1,3-Dichloropropane	54		"	50.0		108	77-125				
1,4-Dichlorobenzene	53		"	50.0		105	85-118				
1,4-Dioxane	760		"	1000		76.3	31-190				
2,2-Dichloropropane	45		"	50.0		89.2	69-129				
2-Butanone	51		"	50.0		101	58-159				
2-Chlorotoluene	51		"	50.0		103	75-123				
4-Chlorotoluene	53		"	50.0		107	76-121				
Acetone	41		"	50.0		82.5	32-173				
Benzene	54		"	50.0		107	83-126				
Bromobenzene	52		"	50.0		105	70-130				
Bromochloromethane	47		"	50.0		93.7	73-128				
Bromodichloromethane	50		"	50.0		101	74-126				
Bromoform	58		"	50.0		115	63-137				
Bromomethane	51		"	50.0		101	24-144				
Carbon tetrachloride	46		"	50.0		92.4	68-132				
Chlorobenzene	52		"	50.0		104	87-115				
Chloroethane	45		"	50.0		89.6	39-146				
Chloroform	45		"	50.0		89.1	84-120				
Chloromethane	39		"	50.0		77.5	35-153				
cis-1,2-Dichloroethylene	44		"	50.0		87.4	86-121				
cis-1,3-Dichloropropylene	53		"	50.0		106	78-122				
Dibromochloromethane	55		"	50.0		109	41-149				
Dibromomethane	48		"	50.0		96.9	82-118				
Dichlorodifluoromethane	30		"	50.0		59.3	52-143				
Ethyl Benzene	51		"	50.0		103	81-118				
Hexachlorobutadiene	50		"	50.0		99.2	70-133				
Isopropylbenzene	52		"	50.0		105	78-122				
Methyl tert-butyl ether (MTBE)	46		"	50.0		92.9	62-140				
Methylene chloride	46		"	50.0		91.1	48-143				
Naphthalene	60		"	50.0		120	55-160				
n-Butylbenzene	51		"	50.0		103	71-142				
n-Propylbenzene	53		"	50.0		105	80-123				

Volatile Organic Compounds by GC/MS - 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 BD41223 - EPA 5035A											
LCS (BD41223-BS1)								Prepared & Analyzed: 04/24/2014			
o-Xylene	50		ug/L	50.0		99.0	81-118				
p- & m- Xylenes	100		"	100		101	80-120				
p-Isopropyltoluene	51		"	50.0		103	83-126				
sec-Butylbenzene	51		"	50.0		102	84-123				
Styrene	51		"	50.0		101	85-115				
tert-Butylbenzene	52		"	50.0		103	78-122				
Tetrachloroethylene	53		"	50.0		106	76-129				
Toluene	53		"	50.0		106	85-116				
trans-1,2-Dichloroethylene	44		"	50.0		87.1	66-136				
trans-1,3-Dichloropropylene	54		"	50.0		107	71-128				
Trichloroethylene	55		"	50.0		111	83-118				
Trichlorofluoromethane	41		"	50.0		82.5	54-141				
Vinyl Chloride	40		"	50.0		79.6	38-147				
Vinyl acetate	14		"	50.0		28.9	67-136	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*42.2*		*"*	*50.0*		*84.4*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*75-127*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.5*	*90-112*				
LCS Dup (BD41223-BSD1)								Prepared & Analyzed: 04/24/2014			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	72-126		5.57	30	
1,1,1-Trichloroethane	43		"	50.0		86.6	74-126		3.94	30	
1,1,2,2-Tetrachloroethane	66		"	50.0		132	72-133		20.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.8	47-160		8.88	30	
1,1,2-Trichloroethane	56		"	50.0		113	81-124		6.35	30	
1,1-Dichloroethane	41		"	50.0		82.8	80-125		4.02	30	
1,1-Dichloroethylene	42		"	50.0		83.6	62-136		6.03	30	
1,1-Dichloropropylene	49		"	50.0		98.0	81-121		2.62	30	
1,2,3-Trichlorobenzene	62		"	50.0		125	63-154		11.1	30	
1,2,3-Trichloropropane	63		"	50.0		126	70-126		19.4	30	
1,2,4-Trichlorobenzene	62		"	50.0		124	61-158		14.6	30	
1,2,4-Trimethylbenzene	58		"	50.0		116	83-123		11.0	30	
1,2-Dibromo-3-chloropropane	68		"	50.0		137	48-152		21.2	30	
1,2-Dibromoethane	56		"	50.0		112	81-123		4.41	30	
1,2-Dichlorobenzene	60		"	50.0		119	81-117	High Bias	13.7	30	
1,2-Dichloroethane	42		"	50.0		84.1	67-129		6.55	30	
1,2-Dichloropropane	52		"	50.0		105	74-127		1.98	30	
1,3,5-Trimethylbenzene	57		"	50.0		115	81-120		10.5	30	
1,3-Dichlorobenzene	57		"	50.0		114	84-117		10.5	30	
1,3-Dichloropropane	56		"	50.0		111	77-125		2.89	30	
1,4-Dichlorobenzene	59		"	50.0		118	85-118		11.5	30	
1,4-Dioxane	930		"	1000		92.7	31-190		19.4	30	
2,2-Dichloropropane	42		"	50.0		84.0	69-129		5.91	30	
2-Butanone	47		"	50.0		94.7	58-159		6.80	30	
2-Chlorotoluene	57		"	50.0		114	75-123		10.8	30	
4-Chlorotoluene	59		"	50.0		118	76-121		10.2	30	
Acetone	39		"	50.0		77.5	32-173		6.27	30	
Benzene	51		"	50.0		103	83-126		4.21	30	
Bromobenzene	59		"	50.0		119	70-130		12.6	30	
Bromochloromethane	44		"	50.0		88.0	73-128		6.34	30	
Bromodichloromethane	50		"	50.0		101	74-126		0.178	30	
Bromoform	69		"	50.0		137	63-137		17.3	30	
Bromomethane	52		"	50.0		103	24-144		1.84	30	

Volatile Organic Compounds by GC/MS - 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 BD41223 - EPA 5035A											
LCS Dup (BD41223-BSD1)								Prepared & Analyzed: 04/24/2014			
Carbon tetrachloride	45		ug/L	50.0		90.2	68-132		2.50	30	
Chlorobenzene	53		"	50.0		106	87-115		1.85	30	
Chloroethane	41		"	50.0		82.7	39-146		8.04	30	
Chloroform	42		"	50.0		84.7	84-120		5.06	30	
Chloromethane	37		"	50.0		74.2	35-153		4.35	30	
cis-1,2-Dichloroethylene	42		"	50.0		84.4	86-121	Low Bias	3.54	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	78-122		0.585	30	
Dibromochloromethane	58		"	50.0		115	41-149		5.06	30	
Dibromomethane	48		"	50.0		95.2	82-118		1.77	30	
Dichlorodifluoromethane	28		"	50.0		56.7	52-143		4.55	30	
Ethyl Benzene	52		"	50.0		103	81-118		0.602	30	
Hexachlorobutadiene	56		"	50.0		112	70-133		12.5	30	
Isopropylbenzene	58		"	50.0		115	78-122		9.91	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.3	62-140		5.01	30	
Methylene chloride	43		"	50.0		86.7	48-143		4.91	30	
Naphthalene	72		"	50.0		144	55-160		18.1	30	
n-Butylbenzene	57		"	50.0		113	71-142		9.60	30	
n-Propylbenzene	58		"	50.0		116	80-123		9.49	30	
o-Xylene	50		"	50.0		101	81-118		1.86	30	
p- & m- Xylenes	98		"	100		98.2	80-120		2.96	30	
p-Isopropyltoluene	57		"	50.0		113	83-126		9.66	30	
sec-Butylbenzene	56		"	50.0		113	84-123		9.43	30	
Styrene	53		"	50.0		106	85-115		4.25	30	
tert-Butylbenzene	58		"	50.0		116	78-122		11.7	30	
Tetrachloroethylene	53		"	50.0		106	76-129		0.698	30	
Toluene	52		"	50.0		104	85-116		1.24	30	
trans-1,2-Dichloroethylene	41		"	50.0		82.9	66-136		4.94	30	
trans-1,3-Dichloropropylene	54		"	50.0		109	71-128		1.67	30	
Trichloroethylene	54		"	50.0		109	83-118		1.59	30	
Trichlorofluoromethane	40		"	50.0		80.6	54-141		2.38	30	
Vinyl Chloride	38		"	50.0		75.2	38-147		5.68	30	
Vinyl acetate	14		"	50.0		27.3	67-136	Low Bias	5.55	30	
Surrogate: 1,2-Dichloroethane-d4	*40.2*		*"*	*50.0*		*80.5*	*67-130*				
Surrogate: p-Bromofluorobenzene	*55.9*		*"*	*50.0*		*112*	*75-127*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*90-112*				

Volatile Organic Compounds by GC/MS - 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 BD41327 - EPA 5035A											
Blank (BD41327-BLK1)								Prepared & Analyzed: 04/25/2014			
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	2.8	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	4.9	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	5.4	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - 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 BD41327 - EPA 5035A											
Blank (BD41327-BLK1)								Prepared & Analyzed: 04/25/2014			
o-Xylene	ND	5.0	ug/kg wet								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*43.6*		*ug/L*	*50.0*		*87.2*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.9*	*75-127*				
Surrogate: Toluene-d8	*53.7*		*"*	*50.0*		*107*	*90-112*				
Blank (BD41327-BLK2)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
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	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	5.3	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

Volatile Organic Compounds by GC/MS - 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 BD41327 - EPA 5035A											
Blank (BD41327-BLK2)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
Bromomethane	ND	5.0	ug/kg wet								
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	"								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*44.5*		*ug/L*	*50.0*		*89.0*	*67-130*				
Surrogate: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.4*	*75-127*				
Surrogate: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*90-112*				

Volatile Organic Compounds by GC/MS - 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 BD41327 - EPA 5035A											
LCS (BD41327-BS1)							Prepared & Analyzed: 04/25/2014				
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	72-126				
1,1,1-Trichloroethane	45		"	50.0		89.5	74-126				
1,1,2,2-Tetrachloroethane	56		"	50.0		112	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		89.3	47-160				
1,1,2-Trichloroethane	55		"	50.0		110	81-124				
1,1-Dichloroethane	41		"	50.0		82.6	80-125				
1,1-Dichloroethylene	43		"	50.0		86.5	62-136				
1,1-Dichloropropylene	51		"	50.0		102	81-121				
1,2,3-Trichlorobenzene	58		"	50.0		116	63-154				
1,2,3-Trichloropropane	56		"	50.0		112	70-126				
1,2,4-Trichlorobenzene	56		"	50.0		113	61-158				
1,2,4-Trimethylbenzene	54		"	50.0		108	83-123				
1,2-Dibromo-3-chloropropane	62		"	50.0		124	48-152				
1,2-Dibromoethane	55		"	50.0		110	81-123				
1,2-Dichlorobenzene	53		"	50.0		106	81-117				
1,2-Dichloroethane	46		"	50.0		91.1	67-129				
1,2-Dichloropropane	52		"	50.0		105	74-127				
1,3,5-Trimethylbenzene	55		"	50.0		110	81-120				
1,3-Dichlorobenzene	53		"	50.0		105	84-117				
1,3-Dichloropropane	54		"	50.0		108	77-125				
1,4-Dichlorobenzene	55		"	50.0		110	85-118				
1,4-Dioxane	870		"	1000		86.8	31-190				
2,2-Dichloropropane	47		"	50.0		94.3	69-129				
2-Butanone	47		"	50.0		93.9	58-159				
2-Chlorotoluene	54		"	50.0		108	75-123				
4-Chlorotoluene	54		"	50.0		107	76-121				
Acetone	38		"	50.0		76.9	32-173				
Benzene	53		"	50.0		106	83-126				
Bromobenzene	53		"	50.0		106	70-130				
Bromochloromethane	47		"	50.0		94.1	73-128				
Bromodichloromethane	50		"	50.0		101	74-126				
Bromoform	62		"	50.0		124	63-137				
Bromomethane	60		"	50.0		120	24-144				
Carbon tetrachloride	46		"	50.0		92.1	68-132				
Chlorobenzene	52		"	50.0		103	87-115				
Chloroethane	42		"	50.0		84.2	39-146				
Chloroform	44		"	50.0		87.3	84-120				
Chloromethane	29		"	50.0		58.4	35-153				
cis-1,2-Dichloroethylene	45		"	50.0		90.8	86-121				
cis-1,3-Dichloropropylene	52		"	50.0		105	78-122				
Dibromochloromethane	58		"	50.0		116	41-149				
Dibromomethane	48		"	50.0		95.5	82-118				
Dichlorodifluoromethane	26		"	50.0		51.9	52-143	Low Bias			
Ethyl Benzene	50		"	50.0		99.8	81-118				
Hexachlorobutadiene	55		"	50.0		109	70-133				
Isopropylbenzene	55		"	50.0		110	78-122				
Methyl tert-butyl ether (MTBE)	46		"	50.0		92.2	62-140				
Methylene chloride	44		"	50.0		87.3	48-143				
Naphthalene	65		"	50.0		129	55-160				
n-Butylbenzene	53		"	50.0		106	71-142				
n-Propylbenzene	54		"	50.0		107	80-123				

Volatile Organic Compounds by GC/MS - 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 BD41327 - EPA 5035A											
LCS (BD41327-BS1)								Prepared & Analyzed: 04/25/2014			
o-Xylene	49		ug/L	50.0		98.6	81-118				
p- & m- Xylenes	100		"	100		99.8	80-120				
p-Isopropyltoluene	53		"	50.0		107	83-126				
sec-Butylbenzene	54		"	50.0		107	84-123				
Styrene	51		"	50.0		103	85-115				
tert-Butylbenzene	54		"	50.0		107	78-122				
Tetrachloroethylene	53		"	50.0		105	76-129				
Toluene	52		"	50.0		104	85-116				
trans-1,2-Dichloroethylene	42		"	50.0		84.4	66-136				
trans-1,3-Dichloropropylene	54		"	50.0		108	71-128				
Trichloroethylene	54		"	50.0		108	83-118				
Trichlorofluoromethane	41		"	50.0		81.9	54-141				
Vinyl Chloride	36		"	50.0		71.7	38-147				
Vinyl acetate	14		"	50.0		28.3	67-136	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*42.7*		*"*	*50.0*		*85.4*	*67-130*				
Surrogate: p-Bromofluorobenzene	*54.7*		*"*	*50.0*		*109*	*75-127*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*90-112*				
LCS Dup (BD41327-BSD1)								Prepared & Analyzed: 04/25/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	72-126		2.00	30	
1,1,1-Trichloroethane	46		"	50.0		92.1	74-126		2.86	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	72-133		4.83	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		94.1	47-160		5.23	30	
1,1,2-Trichloroethane	55		"	50.0		110	81-124		0.0364	30	
1,1-Dichloroethane	43		"	50.0		86.7	80-125		4.82	30	
1,1-Dichloroethylene	46		"	50.0		91.5	62-136		5.62	30	
1,1-Dichloropropylene	51		"	50.0		102	81-121		0.470	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	63-154		8.53	30	
1,2,3-Trichloropropane	53		"	50.0		105	70-126		5.84	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	61-158		7.82	30	
1,2,4-Trimethylbenzene	51		"	50.0		103	83-123		5.08	30	
1,2-Dibromo-3-chloropropane	59		"	50.0		117	48-152		5.39	30	
1,2-Dibromoethane	54		"	50.0		109	81-123		0.806	30	
1,2-Dichlorobenzene	51		"	50.0		102	81-117		4.49	30	
1,2-Dichloroethane	47		"	50.0		93.7	67-129		2.88	30	
1,2-Dichloropropane	51		"	50.0		103	74-127		1.60	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	81-120		2.19	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-117		4.63	30	
1,3-Dichloropropane	55		"	50.0		109	77-125		1.27	30	
1,4-Dichlorobenzene	52		"	50.0		104	85-118		5.45	30	
1,4-Dioxane	840		"	1000		83.9	31-190		3.34	30	
2,2-Dichloropropane	48		"	50.0		96.7	69-129		2.51	30	
2-Butanone	52		"	50.0		104	58-159		10.3	30	
2-Chlorotoluene	51		"	50.0		103	75-123		5.14	30	
4-Chlorotoluene	53		"	50.0		105	76-121		1.75	30	
Acetone	40		"	50.0		80.6	32-173		4.70	30	
Benzene	52		"	50.0		104	83-126		1.77	30	
Bromobenzene	52		"	50.0		105	70-130		1.63	30	
Bromochloromethane	46		"	50.0		92.4	73-128		1.87	30	
Bromodichloromethane	51		"	50.0		102	74-126		1.14	30	
Bromoform	59		"	50.0		119	63-137		4.40	30	
Bromomethane	64		"	50.0		129	24-144		7.57	30	

Volatile Organic Compounds by GC/MS - 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 BD41327 - EPA 5035A											
LCS Dup (BD41327-BSD1)								Prepared & Analyzed: 04/25/2014			
Carbon tetrachloride	48		ug/L	50.0		96.1	68-132		4.32	30	
Chlorobenzene	51		"	50.0		102	87-115		1.11	30	
Chloroethane	43		"	50.0		86.2	39-146		2.32	30	
Chloroform	46		"	50.0		91.2	84-120		4.33	30	
Chloromethane	29		"	50.0		58.8	35-153		0.580	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.7	86-121		5.17	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	78-122		0.364	30	
Dibromochloromethane	55		"	50.0		110	41-149		4.79	30	
Dibromomethane	50		"	50.0		99.3	82-118		3.92	30	
Dichlorodifluoromethane	26		"	50.0		52.3	52-143		0.883	30	
Ethyl Benzene	50		"	50.0		101	81-118		0.997	30	
Hexachlorobutadiene	53		"	50.0		105	70-133		3.83	30	
Isopropylbenzene	53		"	50.0		106	78-122		4.00	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.2	62-140		3.16	30	
Methylene chloride	46		"	50.0		91.7	48-143		4.96	30	
Naphthalene	61		"	50.0		121	55-160		6.32	30	
n-Butylbenzene	51		"	50.0		102	71-142		4.07	30	
n-Propylbenzene	52		"	50.0		104	80-123		3.38	30	
o-Xylene	50		"	50.0		99.5	81-118		0.929	30	
p- & m- Xylenes	99		"	100		99.3	80-120		0.442	30	
p-Isopropyltoluene	52		"	50.0		104	83-126		2.26	30	
sec-Butylbenzene	52		"	50.0		104	84-123		3.27	30	
Styrene	51		"	50.0		102	85-115		0.526	30	
tert-Butylbenzene	54		"	50.0		109	78-122		1.09	30	
Tetrachloroethylene	52		"	50.0		105	76-129		0.570	30	
Toluene	52		"	50.0		103	85-116		0.600	30	
trans-1,2-Dichloroethylene	44		"	50.0		87.8	66-136		3.90	30	
trans-1,3-Dichloropropylene	53		"	50.0		106	71-128		2.13	30	
Trichloroethylene	53		"	50.0		106	83-118		2.29	30	
Trichlorofluoromethane	42		"	50.0		83.8	54-141		2.27	30	
Vinyl Chloride	37		"	50.0		74.9	38-147		4.42	30	
Vinyl acetate	14		"	50.0		28.9	67-136	Low Bias	1.96	30	
Surrogate: 1,2-Dichloroethane-d4	*47.0*		*"*	*50.0*		*94.0*	*67-130*				
Surrogate: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*75-127*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*90-112*				

Volatile Organic Compounds by GC/MS - 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 BD41329 - EPA 5035A											
Blank (BD41329-BLK1)									Prepared: 04/25/2014 Analyzed: 04/26/2014		
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	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	11	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	"								

Volatile Organic Compounds by GC/MS - 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 BD41329 - EPA 5035A											
Blank (BD41329-BLK1)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
o-Xylene	ND	5.0	ug/kg wet								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*75-127*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*90-112*				
LCS (BD41329-BS1)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	72-126				
1,1,1-Trichloroethane	54		"	50.0		107	74-126				
1,1,2,2-Tetrachloroethane	43		"	50.0		86.7	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	67		"	50.0		134	47-160				
1,1,2-Trichloroethane	47		"	50.0		93.1	81-124				
1,1-Dichloroethane	54		"	50.0		109	80-125				
1,1-Dichloroethylene	59		"	50.0		119	62-136				
1,1-Dichloropropylene	50		"	50.0		99.2	81-121				
1,2,3-Trichlorobenzene	52		"	50.0		103	63-154				
1,2,3-Trichloropropane	49		"	50.0		97.9	70-126				
1,2,4-Trichlorobenzene	51		"	50.0		101	61-158				
1,2,4-Trimethylbenzene	49		"	50.0		97.4	83-123				
1,2-Dibromo-3-chloropropane	46		"	50.0		92.6	48-152				
1,2-Dibromoethane	53		"	50.0		106	81-123				
1,2-Dichlorobenzene	51		"	50.0		102	81-117				
1,2-Dichloroethane	50		"	50.0		101	67-129				
1,2-Dichloropropane	50		"	50.0		99.4	74-127				
1,3,5-Trimethylbenzene	48		"	50.0		95.6	81-120				
1,3-Dichlorobenzene	49		"	50.0		97.9	84-117				
1,3-Dichloropropane	47		"	50.0		93.5	77-125				
1,4-Dichlorobenzene	49		"	50.0		97.5	85-118				
1,4-Dioxane	450		"	1000		45.0	31-190				
2,2-Dichloropropane	42		"	50.0		84.1	69-129				
2-Butanone	44		"	50.0		87.6	58-159				
2-Chlorotoluene	46		"	50.0		91.1	75-123				
4-Chlorotoluene	48		"	50.0		96.7	76-121				
Acetone	56		"	50.0		112	32-173				
Benzene	51		"	50.0		103	83-126				
Bromobenzene	44		"	50.0		87.6	70-130				
Bromochloromethane	43		"	50.0		85.2	73-128				
Bromodichloromethane	46		"	50.0		91.8	74-126				
Bromoform	52		"	50.0		105	63-137				

Volatile Organic Compounds by GC/MS - 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 BD41329 - EPA 5035A											
LCS (BD41329-BS1)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
Bromomethane	62		ug/L	50.0		124	24-144				
Carbon tetrachloride	55		"	50.0		111	68-132				
Chlorobenzene	52		"	50.0		104	87-115				
Chloroethane	54		"	50.0		108	39-146				
Chloroform	51		"	50.0		102	84-120				
Chloromethane	34		"	50.0		67.9	35-153				
cis-1,2-Dichloroethylene	54		"	50.0		108	86-121				
cis-1,3-Dichloropropylene	41		"	50.0		82.6	78-122				
Dibromochloromethane	52		"	50.0		104	41-149				
Dibromomethane	49		"	50.0		98.5	82-118				
Dichlorodifluoromethane	33		"	50.0		66.2	52-143				
Ethyl Benzene	51		"	50.0		103	81-118				
Hexachlorobutadiene	56		"	50.0		113	70-133				
Isopropylbenzene	49		"	50.0		98.3	78-122				
Methyl tert-butyl ether (MTBE)	59		"	50.0		117	62-140				
Methylene chloride	63		"	50.0		127	48-143				
Naphthalene	51		"	50.0		102	55-160				
n-Butylbenzene	44		"	50.0		87.9	71-142				
n-Propylbenzene	50		"	50.0		100	80-123				
o-Xylene	48		"	50.0		96.5	81-118				
p- & m- Xylenes	100		"	100		103	80-120				
p-Isopropyltoluene	49		"	50.0		97.3	83-126				
sec-Butylbenzene	49		"	50.0		97.2	84-123				
Styrene	49		"	50.0		98.4	85-115				
tert-Butylbenzene	49		"	50.0		98.9	78-122				
Tetrachloroethylene	73		"	50.0		146	76-129	High Bias			
Toluene	49		"	50.0		98.2	85-116				
trans-1,2-Dichloroethylene	56		"	50.0		112	66-136				
trans-1,3-Dichloropropylene	40		"	50.0		80.6	71-128				
Trichloroethylene	52		"	50.0		104	83-118				
Trichlorofluoromethane	66		"	50.0		131	54-141				
Vinyl Chloride	37		"	50.0		73.8	38-147				
Vinyl acetate	51		"	50.0		103	67-136				
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*67-130*				
Surrogate: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*75-127*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*90-112*				

Volatile Organic Compounds by GC/MS - 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 BD41329 - EPA 5035A											
LCS Dup (BD41329-BSD1)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		96.3	72-126		6.74	30	
1,1,1-Trichloroethane	51		"	50.0		102	74-126		5.23	30	
1,1,2,2-Tetrachloroethane	41		"	50.0		81.2	72-133		6.48	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	47-160		12.6	30	
1,1,2-Trichloroethane	43		"	50.0		85.9	81-124		8.09	30	
1,1-Dichloroethane	51		"	50.0		102	80-125		6.06	30	
1,1-Dichloroethylene	54		"	50.0		108	62-136		9.32	30	
1,1-Dichloropropylene	46		"	50.0		92.9	81-121		6.50	30	
1,2,3-Trichlorobenzene	50		"	50.0		100	63-154		2.73	30	
1,2,3-Trichloropropane	46		"	50.0		92.4	70-126		5.72	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.7	61-158		3.74	30	
1,2,4-Trimethylbenzene	46		"	50.0		92.7	83-123		5.03	30	
1,2-Dibromo-3-chloropropane	42		"	50.0		83.4	48-152		10.4	30	
1,2-Dibromoethane	50		"	50.0		99.3	81-123		6.11	30	
1,2-Dichlorobenzene	48		"	50.0		95.7	81-117		5.90	30	
1,2-Dichloroethane	48		"	50.0		96.4	67-129		4.62	30	
1,2-Dichloropropane	47		"	50.0		94.1	74-127		5.42	30	
1,3,5-Trimethylbenzene	49		"	50.0		97.1	81-120		1.54	30	
1,3-Dichlorobenzene	47		"	50.0		94.2	84-117		3.94	30	
1,3-Dichloropropane	44		"	50.0		88.3	77-125		5.66	30	
1,4-Dichlorobenzene	48		"	50.0		96.6	85-118		0.927	30	
1,4-Dioxane	480		"	1000		47.8	31-190		6.07	30	
2,2-Dichloropropane	40		"	50.0		79.5	69-129		5.60	30	
2-Butanone	39		"	50.0		78.1	58-159		11.4	30	
2-Chlorotoluene	47		"	50.0		94.5	75-123		3.66	30	
4-Chlorotoluene	43		"	50.0		85.8	76-121		11.9	30	
Acetone	49		"	50.0		97.3	32-173		13.9	30	
Benzene	49		"	50.0		97.2	83-126		5.50	30	
Bromobenzene	43		"	50.0		86.2	70-130		1.61	30	
Bromochloromethane	41		"	50.0		82.5	73-128		3.22	30	
Bromodichloromethane	45		"	50.0		90.6	74-126		1.27	30	
Bromoform	49		"	50.0		98.9	63-137		5.94	30	
Bromomethane	54		"	50.0		108	24-144		14.0	30	
Carbon tetrachloride	52		"	50.0		105	68-132		5.45	30	
Chlorobenzene	49		"	50.0		97.9	87-115		5.76	30	
Chloroethane	46		"	50.0		92.7	39-146		15.4	30	
Chloroform	50		"	50.0		99.2	84-120		2.65	30	
Chloromethane	33		"	50.0		65.9	35-153		3.11	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	86-121		3.85	30	
cis-1,3-Dichloropropylene	40		"	50.0		80.9	78-122		2.03	30	
Dibromochloromethane	49		"	50.0		98.3	41-149		5.54	30	
Dibromomethane	48		"	50.0		96.1	82-118		2.47	30	
Dichlorodifluoromethane	31		"	50.0		61.0	52-143		8.14	30	
Ethyl Benzene	49		"	50.0		97.2	81-118		5.64	30	
Hexachlorobutadiene	53		"	50.0		107	70-133		5.76	30	
Isopropylbenzene	48		"	50.0		95.2	78-122		3.27	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		111	62-140		5.83	30	
Methylene chloride	55		"	50.0		110	48-143		13.8	30	
Naphthalene	48		"	50.0		95.5	55-160		6.49	30	
n-Butylbenzene	42		"	50.0		84.8	71-142		3.64	30	
n-Propylbenzene	49		"	50.0		97.2	80-123		2.92	30	

Volatile Organic Compounds by GC/MS - 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 BD41329 - EPA 5035A											
LCS Dup (BD41329-BSD1)								Prepared: 04/25/2014 Analyzed: 04/26/2014			
o-Xylene	46		ug/L	50.0		91.8	81-118		5.01	30	
p- & m- Xylenes	97		"	100		97.0	80-120		6.12	30	
p-Isopropyltoluene	47		"	50.0		94.1	83-126		3.34	30	
sec-Butylbenzene	48		"	50.0		95.4	84-123		1.93	30	
Styrene	48		"	50.0		95.1	85-115		3.45	30	
tert-Butylbenzene	49		"	50.0		98.3	78-122		0.609	30	
Tetrachloroethylene	66		"	50.0		131	76-129	High Bias	10.7	30	
Toluene	47		"	50.0		94.3	85-116		4.09	30	
trans-1,2-Dichloroethylene	53		"	50.0		105	66-136		6.14	30	
trans-1,3-Dichloropropylene	38		"	50.0		76.0	71-128		5.77	30	
Trichloroethylene	50		"	50.0		99.2	83-118		4.88	30	
Trichlorofluoromethane	60		"	50.0		120	54-141		9.16	30	
Vinyl Chloride	32		"	50.0		64.7	38-147		13.1	30	
Vinyl acetate	48		"	50.0		95.7	67-136		6.96	30	
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*96.0*	*67-130*				
Surrogate: p-Bromofluorobenzene	*53.2*		*"*	*50.0*		*106*	*75-127*				
Surrogate: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*90-112*				
Batch BD41357 - EPA 5035A											
Blank (BD41357-BLK1)								Prepared & Analyzed: 04/28/2014			
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	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
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	"								

Volatile Organic Compounds by GC/MS - 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 BD41357 - EPA 5035A											
Blank (BD41357-BLK1)								Prepared & Analyzed: 04/28/2014			
Bromoform	ND	5.0	ug/kg wet								
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	"								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.0*	*67-130*				
Surrogate: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*75-127*				
Surrogate: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*90-112*				

Volatile Organic Compounds by GC/MS - 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 BD41357 - EPA 5035A											
LCS (BD41357-BS1)							Prepared & Analyzed: 04/28/2014				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	72-126				
1,1,1-Trichloroethane	45		"	50.0		90.3	74-126				
1,1,2,2-Tetrachloroethane	54		"	50.0		107	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.3	47-160				
1,1,2-Trichloroethane	51		"	50.0		103	81-124				
1,1-Dichloroethane	47		"	50.0		93.4	80-125				
1,1-Dichloroethylene	46		"	50.0		91.7	62-136				
1,1-Dichloropropylene	45		"	50.0		89.2	81-121				
1,2,3-Trichlorobenzene	63		"	50.0		125	63-154				
1,2,3-Trichloropropane	52		"	50.0		104	70-126				
1,2,4-Trichlorobenzene	61		"	50.0		121	61-158				
1,2,4-Trimethylbenzene	51		"	50.0		103	83-123				
1,2-Dibromo-3-chloropropane	57		"	50.0		113	48-152				
1,2-Dibromoethane	52		"	50.0		105	81-123				
1,2-Dichlorobenzene	49		"	50.0		98.5	81-117				
1,2-Dichloroethane	45		"	50.0		90.7	67-129				
1,2-Dichloropropane	51		"	50.0		102	74-127				
1,3,5-Trimethylbenzene	51		"	50.0		102	81-120				
1,3-Dichlorobenzene	51		"	50.0		102	84-117				
1,3-Dichloropropane	51		"	50.0		102	77-125				
1,4-Dichlorobenzene	51		"	50.0		101	85-118				
1,4-Dioxane	1000		"	1000		104	31-190				
2,2-Dichloropropane	45		"	50.0		90.6	69-129				
2-Butanone	53		"	50.0		105	58-159				
2-Chlorotoluene	50		"	50.0		99.2	75-123				
4-Chlorotoluene	49		"	50.0		99.0	76-121				
Acetone	50		"	50.0		101	32-173				
Benzene	47		"	50.0		94.3	83-126				
Bromobenzene	56		"	50.0		113	70-130				
Bromochloromethane	47		"	50.0		93.4	73-128				
Bromodichloromethane	50		"	50.0		99.1	74-126				
Bromoform	56		"	50.0		111	63-137				
Bromomethane	46		"	50.0		91.4	24-144				
Carbon tetrachloride	45		"	50.0		89.5	68-132				
Chlorobenzene	49		"	50.0		97.9	87-115				
Chloroethane	43		"	50.0		86.4	39-146				
Chloroform	44		"	50.0		88.6	84-120				
Chloromethane	49		"	50.0		97.9	35-153				
cis-1,2-Dichloroethylene	46		"	50.0		91.8	86-121				
cis-1,3-Dichloropropylene	56		"	50.0		111	78-122				
Dibromochloromethane	24		"	50.0		48.6	41-149				
Dibromomethane	50		"	50.0		100	82-118				
Dichlorodifluoromethane	56		"	50.0		112	52-143				
Ethyl Benzene	51		"	50.0		101	81-118				
Hexachlorobutadiene	56		"	50.0		111	70-133				
Isopropylbenzene	50		"	50.0		99.9	78-122				
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.8	62-140				
Methylene chloride	46		"	50.0		91.8	48-143				
Naphthalene	63		"	50.0		125	55-160				
n-Butylbenzene	52		"	50.0		105	71-142				
n-Propylbenzene	50		"	50.0		99.2	80-123				

Volatile Organic Compounds by GC/MS - 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 BD41357 - EPA 5035A											
LCS (BD41357-BS1)							Prepared & Analyzed: 04/28/2014				
o-Xylene	49		ug/L	50.0		97.9	81-118				
p- & m- Xylenes	100		"	100		100	80-120				
p-Isopropyltoluene	51		"	50.0		102	83-126				
sec-Butylbenzene	52		"	50.0		103	84-123				
Styrene	52		"	50.0		105	85-115				
tert-Butylbenzene	53		"	50.0		107	78-122				
Tetrachloroethylene	50		"	50.0		99.9	76-129				
Toluene	51		"	50.0		103	85-116				
trans-1,2-Dichloroethylene	46		"	50.0		92.8	66-136				
trans-1,3-Dichloropropylene	52		"	50.0		104	71-128				
Trichloroethylene	51		"	50.0		102	83-118				
Trichlorofluoromethane	44		"	50.0		87.6	54-141				
Vinyl Chloride	47		"	50.0		93.5	38-147				
Vinyl acetate	46		"	50.0		92.8	67-136				
Surrogate: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*67-130*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*75-127*				
Surrogate: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*90-112*				
LCS Dup (BD41357-BSD1)							Prepared & Analyzed: 04/28/2014				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	72-126		3.84	30	
1,1,1-Trichloroethane	46		"	50.0		91.2	74-126		0.948	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	72-133		6.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0		88.6	47-160		1.92	30	
1,1,2-Trichloroethane	50		"	50.0		101	81-124		1.63	30	
1,1-Dichloroethane	46		"	50.0		92.2	80-125		1.23	30	
1,1-Dichloroethylene	44		"	50.0		87.2	62-136		5.12	30	
1,1-Dichloropropylene	46		"	50.0		91.3	81-121		2.39	30	
1,2,3-Trichlorobenzene	60		"	50.0		120	63-154		4.11	30	
1,2,3-Trichloropropane	51		"	50.0		101	70-126		2.82	30	
1,2,4-Trichlorobenzene	61		"	50.0		122	61-158		0.887	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	83-123		2.71	30	
1,2-Dibromo-3-chloropropane	50		"	50.0		99.6	48-152		12.9	30	
1,2-Dibromoethane	49		"	50.0		97.2	81-123		7.62	30	
1,2-Dichlorobenzene	50		"	50.0		100	81-117		1.95	30	
1,2-Dichloroethane	44		"	50.0		88.5	67-129		2.43	30	
1,2-Dichloropropane	50		"	50.0		100	74-127		2.33	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	81-120		0.899	30	
1,3-Dichlorobenzene	52		"	50.0		103	84-117		1.56	30	
1,3-Dichloropropane	50		"	50.0		99.9	77-125		2.43	30	
1,4-Dichlorobenzene	51		"	50.0		101	85-118		0.158	30	
1,4-Dioxane	990		"	1000		98.9	31-190		4.82	30	
2,2-Dichloropropane	46		"	50.0		91.2	69-129		0.660	30	
2-Butanone	46		"	50.0		92.8	58-159		12.7	30	
2-Chlorotoluene	51		"	50.0		103	75-123		3.31	30	
4-Chlorotoluene	50		"	50.0		100	76-121		1.40	30	
Acetone	46		"	50.0		92.0	32-173		8.97	30	
Benzene	47		"	50.0		93.9	83-126		0.383	30	
Bromobenzene	58		"	50.0		116	70-130		2.61	30	
Bromochloromethane	48		"	50.0		95.1	73-128		1.78	30	
Bromodichloromethane	49		"	50.0		98.0	74-126		1.18	30	
Bromoform	52		"	50.0		105	63-137		6.24	30	
Bromomethane	45		"	50.0		89.9	24-144		1.63	30	

Volatile Organic Compounds by GC/MS - 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 BD41357 - EPA 5035A											
LCS Dup (BD41357-BSD1)							Prepared & Analyzed: 04/28/2014				
Carbon tetrachloride	46		ug/L	50.0		91.5	68-132		2.23	30	
Chlorobenzene	48		"	50.0		96.3	87-115		1.69	30	
Chloroethane	42		"	50.0		84.3	39-146		2.48	30	
Chloroform	47		"	50.0		93.5	84-120		5.34	30	
Chloromethane	47		"	50.0		94.5	35-153		3.58	30	
cis-1,2-Dichloroethylene	47		"	50.0		93.9	86-121		2.24	30	
cis-1,3-Dichloropropylene	52		"	50.0		105	78-122		6.01	30	
Dibromochloromethane	54		"	50.0		108	41-149		75.4	30	Non-dir.
Dibromomethane	49		"	50.0		97.4	82-118		3.13	30	
Dichlorodifluoromethane	55		"	50.0		109	52-143		2.56	30	
Ethyl Benzene	50		"	50.0		101	81-118		0.495	30	
Hexachlorobutadiene	58		"	50.0		116	70-133		4.49	30	
Isopropylbenzene	51		"	50.0		103	78-122		2.84	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		87.7	62-140		6.63	30	
Methylene chloride	45		"	50.0		89.9	48-143		2.16	30	
Naphthalene	58		"	50.0		116	55-160		8.15	30	
n-Butylbenzene	54		"	50.0		108	71-142		2.73	30	
n-Propylbenzene	52		"	50.0		104	80-123		4.48	30	
o-Xylene	49		"	50.0		98.8	81-118		0.895	30	
p- & m- Xylenes	100		"	100		100	80-120		0.229	30	
p-Isopropyltoluene	53		"	50.0		105	83-126		3.39	30	
sec-Butylbenzene	52		"	50.0		105	84-123		1.46	30	
Styrene	52		"	50.0		105	85-115		0.0191	30	
tert-Butylbenzene	54		"	50.0		108	78-122		0.986	30	
Tetrachloroethylene	50		"	50.0		101	76-129		0.678	30	
Toluene	50		"	50.0		101	85-116		1.87	30	
trans-1,2-Dichloroethylene	47		"	50.0		94.5	66-136		1.73	30	
trans-1,3-Dichloropropylene	52		"	50.0		105	71-128		0.460	30	
Trichloroethylene	51		"	50.0		102	83-118		0.0977	30	
Trichlorofluoromethane	44		"	50.0		87.2	54-141		0.435	30	
Vinyl Chloride	47		"	50.0		94.2	38-147		0.810	30	
Vinyl acetate	42		"	50.0		84.6	67-136		9.31	30	
Surrogate: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.9*	*67-130*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*75-127*				
Surrogate: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*90-112*				

Semivolatile Organic Compounds by GC/MS - 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 BD41181 - EPA 3550C											
Blank (BD41181-BLK1)								Prepared & Analyzed: 04/24/2014			
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,4-Dinitrotoluene	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								

Semivolatile Organic Compounds by GC/MS - 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 BD41181 - EPA 3550C											
Blank (BD41181-BLK1)							Prepared & Analyzed: 04/24/2014				
2-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1680*		*"*	*2560*		*65.6*	*10-105*				
Surrogate: Phenol-d5	*1850*		*"*	*2510*		*73.7*	*10-118*				
Surrogate: Nitrobenzene-d5	*1440*		*"*	*1710*		*84.0*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1080*		*"*	*1670*		*64.8*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1700*		*"*	*2590*		*65.6*	*10-150*				
Surrogate: Terphenyl-d14	*1230*		*"*	*1670*		*73.3*	*10-137*				
LCS (BD41181-BS1)							Prepared & Analyzed: 04/24/2014				
Acenaphthene	1160	167	ug/kg wet	1670		69.5	17-124				
Acenaphthylene	1180	167	"	1670		70.6	16-124				
Aniline	1340	167	"	1670		80.3	10-111				
Anthracene	1180	167	"	1670		70.7	24-124				
Benzo(a)anthracene	1350	167	"	1670		80.8	25-134				
Benzo(a)pyrene	1150	167	"	1670		68.9	29-144				
Benzo(b)fluoranthene	1320	167	"	1670		79.0	20-151				
Benzo(g,h,i)perylene	901	167	"	1670		54.1	10-153				
Benzo(k)fluoranthene	1030	167	"	1670		61.8	10-148				
Benzyl alcohol	1290	167	"	1670		77.7	17-128				
Benzyl butyl phthalate	1300	167	"	1670		78.1	10-132				
4-Bromophenyl phenyl ether	1210	167	"	1670		72.4	30-138				
4-Chloro-3-methylphenol	1270	167	"	1670		76.2	16-138				
4-Chloroaniline	1090	167	"	1670		65.4	10-117				
Bis(2-chloroethoxy)methane	1290	167	"	1670		77.4	10-129				
Bis(2-chloroethyl)ether	1340	167	"	1670		80.3	14-125				
Bis(2-chloroisopropyl)ether	1530	167	"	1670		91.9	14-122				
2-Chloronaphthalene	1150	167	"	1670		69.0	22-115				
2-Chlorophenol	1200	167	"	1670		71.8	25-121				
4-Chlorophenyl phenyl ether	1200	167	"	1670		71.7	18-132				
Chrysene	1120	167	"	1670		66.9	24-116				
Dibenzo(a,h)anthracene	991	167	"	1670		59.4	17-147				
Dibenzofuran	1150	167	"	1670		69.1	23-123				
Di-n-butyl phthalate	1290	167	"	1670		77.6	19-123				
1,3-Dichlorobenzene	1070	167	"	1670		64.0	32-113				
1,4-Dichlorobenzene	1230	167	"	1670		74.0	28-111				
1,2-Dichlorobenzene	1160	167	"	1670		69.7	26-113				

Semivolatile Organic Compounds by GC/MS - 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 BD41181 - EPA 3550C											
LCS (BD41181-BS1)							Prepared & Analyzed: 04/24/2014				
3,3'-Dichlorobenzidine	1680	333	ug/kg wet	1670		101	10-147				
2,4-Dichlorophenol	1080	167	"	1670		64.6	23-133				
Diethyl phthalate	1200	167	"	1670		72.1	23-122				
2,4-Dimethylphenol	1140	167	"	1670		68.2	15-131				
Dimethyl phthalate	1310	167	"	1670		78.4	28-127				
4,6-Dinitro-2-methylphenol	766	167	"	1670		46.0	10-149				
2,4-Dinitrophenol	ND	333	"	1670			10-149	Low Bias			
2,4-Dinitrotoluene	1130	167	"	1670		67.9	30-123				
2,6-Dinitrotoluene	1200	167	"	1670		72.3	30-125				
Di-n-octyl phthalate	1310	167	"	1670		78.9	10-132				
Bis(2-ethylhexyl)phthalate	ND	167	"	1670			10-141	Low Bias			
Fluoranthene	1230	167	"	1670		73.7	36-125				
Fluorene	1170	167	"	1670		70.3	16-130				
Hexachlorobenzene	1310	167	"	1670		78.5	10-129				
Hexachlorobutadiene	1210	167	"	1670		72.7	22-153				
Hexachlorocyclopentadiene	911	167	"	1670		54.6	10-134				
Hexachloroethane	1340	167	"	1670		80.6	20-112				
Indeno(1,2,3-cd)pyrene	1010	167	"	1670		60.7	10-155				
Isophorone	1370	167	"	1670		82.3	14-131				
2-Methylnaphthalene	1170	167	"	1670		70.2	16-127				
2-Methylphenol	1310	167	"	1670		78.7	10-146				
3- & 4-Methylphenols	1270	167	"	1670		76.2	20-109				
Naphthalene	1240	167	"	1670		74.4	20-121				
3-Nitroaniline	1120	167	"	1670		67.0	23-123				
2-Nitroaniline	1120	167	"	1670		66.9	24-126				
4-Nitroaniline	1090	167	"	1670		65.2	14-125				
Nitrobenzene	1490	167	"	1670		89.4	20-121				
2-Nitrophenol	1030	167	"	1670		61.6	17-129				
4-Nitrophenol	127	167	"	1670		7.60	10-136	Low Bias			
N-nitroso-di-n-propylamine	1500	167	"	1670		90.2	21-119				
N-Nitrosodimethylamine	1340	167	"	1670		80.6	10-124				
N-Nitrosodiphenylamine	1410	167	"	1670		84.6	10-163				
Pentachlorophenol	992	167	"	1670		59.5	10-143				
Phenanthrene	1180	167	"	1670		71.0	24-123				
Phenol	1370	167	"	1670		82.3	15-123				
Pyrene	1250	167	"	1670		75.0	24-132				
Pyridine	572	167	"	1670		34.3	10-92				
1,2,4-Trichlorobenzene	1060	167	"	1670		63.7	23-130				
2,4,6-Trichlorophenol	1030	167	"	1670		61.8	27-122				
2,4,5-Trichlorophenol	1010	167	"	1670		60.7	14-138				
Surrogate: 2-Fluorophenol	*1870*		*"*	*2560*		*73.1*	*10-105*				
Surrogate: Phenol-d5	*1940*		*"*	*2510*		*77.4*	*10-118*				
Surrogate: Nitrobenzene-d5	*1480*		*"*	*1710*		*86.4*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1050*		*"*	*1670*		*63.2*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1890*		*"*	*2590*		*72.9*	*30-130*				
Surrogate: Terphenyl-d14	*1180*		*"*	*1670*		*70.4*	*10-137*				

Semivolatile Organic Compounds by GC/MS - 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 BD41181 - EPA 3550C											
LCS Dup (BD41181-BSD1)							Prepared & Analyzed: 04/24/2014				
Acenaphthene	1110	167	ug/kg wet	1670		66.4	17-124		4.62	30	
Acenaphthylene	1110	167	"	1670		66.4	16-124		6.16	30	
Aniline	1250	167	"	1670		75.1	10-111		6.64	30	
Anthracene	1110	167	"	1670		66.7	24-124		5.85	30	
Benzo(a)anthracene	1280	167	"	1670		76.6	25-134		5.34	30	
Benzo(a)pyrene	1020	167	"	1670		61.4	29-144		11.6	30	
Benzo(b)fluoranthene	1220	167	"	1670		73.1	20-151		7.68	30	
Benzo(g,h,i)perylene	857	167	"	1670		51.4	10-153		5.04	30	
Benzo(k)fluoranthene	999	167	"	1670		59.9	10-148		3.15	30	
Benzyl alcohol	1230	167	"	1670		73.9	17-128		5.02	30	
Benzyl butyl phthalate	1230	167	"	1670		74.0	10-132		5.47	30	
4-Bromophenyl phenyl ether	1140	167	"	1670		68.2	30-138		5.89	30	
4-Chloro-3-methylphenol	1180	167	"	1670		70.6	16-138		7.60	30	
4-Chloroaniline	1040	167	"	1670		62.4	10-117		4.76	30	
Bis(2-chloroethoxy)methane	1220	167	"	1670		73.1	10-129		5.63	30	
Bis(2-chloroethyl)ether	1250	167	"	1670		75.1	14-125		6.64	30	
Bis(2-chloroisopropyl)ether	1490	167	"	1670		89.3	14-122		2.96	30	
2-Chloronaphthalene	1090	167	"	1670		65.4	22-115		5.48	30	
2-Chlorophenol	1140	167	"	1670		68.6	25-121		4.56	30	
4-Chlorophenyl phenyl ether	1130	167	"	1670		67.8	18-132		5.65	30	
Chrysene	1010	167	"	1670		60.3	24-116		10.3	30	
Dibenzo(a,h)anthracene	935	167	"	1670		56.1	17-147		5.75	30	
Dibenzofuran	1100	167	"	1670		66.1	23-123		4.41	30	
Di-n-butyl phthalate	1260	167	"	1670		75.4	19-123		2.90	30	
1,3-Dichlorobenzene	1040	167	"	1670		62.5	32-113		2.31	30	
1,4-Dichlorobenzene	1180	167	"	1670		70.5	28-111		4.87	30	
1,2-Dichlorobenzene	1110	167	"	1670		66.7	26-113		4.37	30	
3,3'-Dichlorobenzidine	1610	333	"	1670		96.4	10-147		4.34	30	
2,4-Dichlorophenol	978	167	"	1670		58.7	23-133		9.57	30	
Diethyl phthalate	1120	167	"	1670		67.5	23-122		6.59	30	
2,4-Dimethylphenol	1060	167	"	1670		63.8	15-131		6.76	30	
Dimethyl phthalate	1070	167	"	1670		64.3	28-127		19.6	30	
4,6-Dinitro-2-methylphenol	609	167	"	1670		36.5	10-149		22.9	30	
2,4-Dinitrophenol	ND	333	"	1670			10-149	Low Bias		30	
2,4-Dinitrotoluene	1060	167	"	1670		63.8	30-123		6.14	30	
2,6-Dinitrotoluene	1140	167	"	1670		68.3	30-125		5.69	30	
Di-n-octyl phthalate	1220	167	"	1670		73.2	10-132		7.47	30	
Bis(2-ethylhexyl)phthalate	ND	167	"	1670			10-141	Low Bias		30	
Fluoranthene	1170	167	"	1670		70.2	36-125		4.81	30	
Fluorene	1110	167	"	1670		66.7	16-130		5.25	30	
Hexachlorobenzene	1270	167	"	1670		76.1	10-129		3.11	30	
Hexachlorobutadiene	1130	167	"	1670		67.8	22-153		6.92	30	
Hexachlorocyclopentadiene	821	167	"	1670		49.2	10-134		10.4	30	
Hexachloroethane	1290	167	"	1670		77.7	20-112		3.71	30	
Indeno(1,2,3-cd)pyrene	960	167	"	1670		57.6	10-155		5.34	30	
Isophorone	1300	167	"	1670		78.0	14-131		5.42	30	
2-Methylnaphthalene	1090	167	"	1670		65.4	16-127		7.08	30	
2-Methylphenol	1260	167	"	1670		75.5	10-146		4.10	30	
3- & 4-Methylphenols	1210	167	"	1670		72.7	20-109		4.62	30	
Naphthalene	1180	167	"	1670		70.8	20-121		4.85	30	
3-Nitroaniline	1040	167	"	1670		62.5	23-123		7.01	30	

Semivolatile Organic Compounds by GC/MS - 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 BD41181 - EPA 3550C											
LCS Dup (BD41181-BSD1)								Prepared & Analyzed: 04/24/2014			
2-Nitroaniline	1040	167	ug/kg wet	1670		62.4	24-126		7.02	30	
4-Nitroaniline	1010	167	"	1670		60.5	14-125		7.38	30	
Nitrobenzene	1430	167	"	1670		86.0	20-121		3.83	30	
2-Nitrophenol	942	167	"	1670		56.5	17-129		8.70	30	
4-Nitrophenol	120	167	"	1670		7.18	10-136	Low Bias	5.68	30	
N-nitroso-di-n-propylamine	1440	167	"	1670		86.7	21-119		3.98	30	
N-Nitrosodimethylamine	1430	167	"	1670		85.8	10-124		6.27	30	
N-Nitrosodiphenylamine	1320	167	"	1670		79.2	10-163		6.55	30	
Pentachlorophenol	829	167	"	1670		49.7	10-143		17.9	30	
Phenanthrene	1130	167	"	1670		67.6	24-123		4.91	30	
Phenol	1290	167	"	1670		77.2	15-123		6.37	30	
Pyrene	1190	167	"	1670		71.4	24-132		4.92	30	
Pyridine	385	167	"	1670		23.1	10-92		39.1	30	Non-dir.
1,2,4-Trichlorobenzene	1010	167	"	1670		60.7	23-130		4.82	30	
2,4,6-Trichlorophenol	956	167	"	1670		57.4	27-122		7.45	30	
2,4,5-Trichlorophenol	908	167	"	1670		54.5	14-138		10.7	30	
Surrogate: 2-Fluorophenol	*1770*		*"*	*2560*		*69.2*	*10-105*				
Surrogate: Phenol-d5	*1870*		*"*	*2510*		*74.7*	*10-118*				
Surrogate: Nitrobenzene-d5	*1430*		*"*	*1710*		*83.5*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1020*		*"*	*1670*		*61.0*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1780*		*"*	*2590*		*68.6*	*30-130*				
Surrogate: Terphenyl-d14	*1130*		*"*	*1670*		*67.6*	*10-137*				
Batch BD41183 - EPA 3510C											
Blank (BD41183-BLK1)								Prepared & Analyzed: 04/24/2014			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	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	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - 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 BD41183 - EPA 3510C											
Blank (BD41183-BLK1)								Prepared & Analyzed: 04/24/2014			
1,2-Dichlorobenzene	ND	5.00	ug/L								
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	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	3.06	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
4-Nitroaniline	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*16.2*		*"*	*76.8*		*21.1*	*10-53*				
Surrogate: Phenol-d5	*13.0*		*"*	*75.2*		*17.4*	*10-39*				
Surrogate: Nitrobenzene-d5	*27.3*		*"*	*51.4*		*53.2*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*25.3*		*"*	*50.0*		*50.6*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*33.7*		*"*	*77.8*		*43.3*	*10-150*				
Surrogate: Terphenyl-d14	*27.1*		*"*	*50.2*		*53.9*	*10-143*				

Semivolatile Organic Compounds by GC/MS - 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 BD41183 - EPA 3510C											
LCS (BD41183-BS1)							Prepared & Analyzed: 04/24/2014				
Acenaphthene	31.1	0.0500	ug/L	50.0		62.3	24-114				
Acenaphthylene	29.2	0.0500	"	50.0		58.4	26-112				
Aniline	18.8	5.00	"	50.0		37.6	10-107				
Anthracene	36.5	0.0500	"	50.0		72.9	35-114				
Benzo(a)anthracene	43.7	0.0500	"	50.0		87.4	38-127				
Benzo(a)pyrene	41.8	0.0500	"	50.0		83.6	30-146				
Benzo(b)fluoranthene	45.1	0.0500	"	50.0		90.1	36-145				
Benzo(g,h,i)perylene	19.0	0.0500	"	50.0		38.1	10-163				
Benzo(k)fluoranthene	42.4	0.0500	"	50.0		84.7	16-149				
Benzyl alcohol	24.5	5.00	"	50.0		49.0	18-75				
Benzyl butyl phthalate	53.2	5.00	"	50.0		106	28-129				
4-Bromophenyl phenyl ether	31.9	5.00	"	50.0		63.8	38-116				
4-Chloro-3-methylphenol	29.7	5.00	"	50.0		59.4	28-101				
4-Chloroaniline	29.8	5.00	"	50.0		59.7	10-154				
Bis(2-chloroethoxy)methane	33.1	5.00	"	50.0		66.3	27-112				
Bis(2-chloroethyl)ether	38.3	5.00	"	50.0		76.7	24-114				
Bis(2-chloroisopropyl)ether	42.3	5.00	"	50.0		84.6	21-124				
2-Chloronaphthalene	31.1	5.00	"	50.0		62.2	40-96				
2-Chlorophenol	29.0	5.00	"	50.0		58.0	35-84				
4-Chlorophenyl phenyl ether	29.0	5.00	"	50.0		58.1	34-112				
Chrysene	42.6	0.0500	"	50.0		85.1	33-120				
Dibenzo(a,h)anthracene	20.3	0.0500	"	50.0		40.6	10-149				
Dibenzofuran	29.8	5.00	"	50.0		59.6	42-105				
Di-n-butyl phthalate	39.2	5.00	"	50.0		78.4	36-110				
1,4-Dichlorobenzene	33.4	5.00	"	50.0		66.8	42-82				
1,3-Dichlorobenzene	28.7	5.00	"	50.0		57.4	45-80				
1,2-Dichlorobenzene	32.5	5.00	"	50.0		65.0	42-85				
3,3'-Dichlorobenzidine	52.3	5.00	"	50.0		105	25-155				
2,4-Dichlorophenol	29.2	5.00	"	50.0		58.5	43-92				
Diethyl phthalate	31.6	5.00	"	50.0		63.2	38-112				
2,4-Dimethylphenol	29.6	5.00	"	50.0		59.2	25-92				
Dimethyl phthalate	31.2	5.00	"	50.0		62.5	49-106				
4,6-Dinitro-2-methylphenol	48.3	5.00	"	50.0		96.6	10-135				
2,4-Dinitrophenol	34.2	5.00	"	50.0		68.5	10-149				
2,4-Dinitrotoluene	30.0	5.00	"	50.0		60.0	41-114				
2,6-Dinitrotoluene	30.7	5.00	"	50.0		61.5	49-106				
Di-n-octyl phthalate	78.7	5.00	"	50.0		157	12-149	High Bias			
Bis(2-ethylhexyl)phthalate	49.4	0.500	"	50.0		98.7	10-171				
Fluoranthene	35.4	0.0500	"	50.0		70.8	33-126				
Fluorene	32.6	0.0500	"	50.0		65.2	28-117				
Hexachlorobenzene	38.1	0.0200	"	50.0		76.2	27-120				
Hexachlorobutadiene	22.7	0.500	"	50.0		45.4	25-106				
Hexachlorocyclopentadiene	14.6	5.00	"	50.0		29.2	10-99				
Hexachloroethane	32.6	0.500	"	50.0		65.3	33-84				
Indeno(1,2,3-cd)pyrene	19.9	0.0500	"	50.0		39.8	10-150				
Isophorone	34.2	5.00	"	50.0		68.5	29-115				
2-Methylnaphthalene	32.0	5.00	"	50.0		64.1	33-101				
2-Methylphenol	24.2	5.00	"	50.0		48.4	10-90				
3- & 4-Methylphenols	23.4	5.00	"	50.0		46.8	10-101				
Naphthalene	33.6	0.0500	"	50.0		67.2	30-99				
4-Nitroaniline	39.3	5.00	"	50.0		78.6	15-143				

Semivolatile Organic Compounds by GC/MS - 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 BD41183 - EPA 3510C											
LCS (BD41183-BS1)							Prepared & Analyzed: 04/24/2014				
3-Nitroaniline	34.1	5.00	ug/L	50.0		68.3	29-128				
2-Nitroaniline	32.3	5.00	"	50.0		64.6	31-122				
Nitrobenzene	31.5	0.250	"	50.0		63.0	32-113				
4-Nitrophenol	25.2	5.00	"	50.0		50.3	10-112				
2-Nitrophenol	28.9	5.00	"	50.0		57.9	37-97				
N-nitroso-di-n-propylamine	42.6	5.00	"	50.0		85.2	36-118				
N-Nitrosodimethylamine	18.2	0.500	"	50.0		36.5	10-63				
N-Nitrosodiphenylamine	45.9	5.00	"	50.0		91.7	27-145				
Pentachlorophenol	45.7	0.250	"	50.0		91.3	19-127				
Phenanthrene	37.1	0.0500	"	50.0		74.3	31-112				
Phenol	13.5	5.00	"	50.0		27.0	10-37				
Pyrene	46.5	0.0500	"	50.0		93.0	42-125				
Pyridine	7.67	5.00	"	50.0		15.3	10-46				
1,2,4-Trichlorobenzene	24.6	5.00	"	50.0		49.2	35-91				
2,4,5-Trichlorophenol	29.1	5.00	"	50.0		58.2	36-112				
2,4,6-Trichlorophenol	31.4	5.00	"	50.0		62.7	41-107				
Surrogate: 2-Fluorophenol	*20.0*		*"*	*76.8*		*26.0*	*10-53*				
Surrogate: Phenol-d5	*15.3*		*"*	*75.2*		*20.3*	*10-39*				
Surrogate: Nitrobenzene-d5	*31.0*		*"*	*51.4*		*60.2*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*25.1*		*"*	*50.0*		*50.2*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*38.0*		*"*	*77.8*		*48.9*	*10-150*				
Surrogate: Terphenyl-d14	*36.6*		*"*	*50.2*		*73.0*	*10-143*				

Organochlorine Pesticides by GC/ECD - 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 BD41178 - EPA 3550C											
Blank (BD41178-BLK1)								Prepared & Analyzed: 04/24/2014			
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	*51.0*		*"*	*67.7*		*75.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*57.1*		*"*	*71.7*		*79.6*	*30-140*				

Organochlorine Pesticides by GC/ECD - 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 BD41178 - EPA 3550C											
LCS (BD41178-BS1)								Prepared & Analyzed: 04/24/2014			
Methoxychlor	35.8	1.65	ug/kg wet	33.3		108	40-140				
Heptachlor epoxide	26.6	0.330	"	33.3		79.8	40-140				
Heptachlor	28.7	0.330	"	33.3		86.2	40-140				
gamma-BHC (Lindane)	26.4	0.330	"	33.3		79.2	40-140				
Endrin ketone	29.2	0.330	"	33.3		87.5	40-140				
Endrin aldehyde	23.4	0.330	"	33.3		70.1	40-140				
Endrin	27.9	0.330	"	33.3		83.6	40-140				
Endosulfan sulfate	30.4	0.330	"	33.3		91.2	40-140				
Endosulfan II	28.6	0.330	"	33.3		85.7	40-140				
Endosulfan I	29.2	0.330	"	33.3		87.5	40-140				
Dieldrin	28.9	0.330	"	33.3		86.8	40-140				
delta-BHC	28.9	0.330	"	33.3		86.6	40-140				
beta-BHC	28.1	0.330	"	33.3		84.3	40-140				
alpha-BHC	27.3	0.330	"	33.3		81.9	40-140				
Aldrin	27.0	0.330	"	33.3		81.0	40-140				
4,4'-DDT	37.8	0.330	"	33.3		113	40-140				
4,4'-DDE	26.1	0.330	"	33.3		78.3	40-140				
4,4'-DDD	27.3	0.330	"	33.3		81.8	40-140				
Surrogate: Tetrachloro-m-xylene	*52.7*		*"*	*67.7*		*77.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*59.1*		*"*	*71.7*		*82.5*	*30-140*				
LCS (BD41178-BS2)								Prepared: 04/24/2014 Analyzed: 04/25/2014			
Aroclor 1260	348	17.0	ug/kg wet	333		104	40-130				
Aroclor 1016	376	17.0	"	333		113	40-130				
Surrogate: Tetrachloro-m-xylene	*60.7*		*"*	*67.7*		*89.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*51.3*		*"*	*71.7*		*71.6*	*30-140*				
LCS Dup (BD41178-BSD1)								Prepared & Analyzed: 04/24/2014			
Methoxychlor	39.2	1.65	ug/kg wet	33.3		118	40-140		8.96	30	
Heptachlor epoxide	29.3	0.330	"	33.3		87.9	40-140		9.71	30	
Heptachlor	31.8	0.330	"	33.3		95.3	40-140		10.0	30	
gamma-BHC (Lindane)	29.1	0.330	"	33.3		87.4	40-140		9.88	30	
Endrin ketone	32.1	0.330	"	33.3		96.3	40-140		9.57	30	
Endrin aldehyde	22.7	0.330	"	33.3		68.0	40-140		3.16	30	
Endrin	30.7	0.330	"	33.3		92.0	40-140		9.58	30	
Endosulfan sulfate	33.1	0.330	"	33.3		99.3	40-140		8.50	30	
Endosulfan II	31.5	0.330	"	33.3		94.5	40-140		9.77	30	
Endosulfan I	32.3	0.330	"	33.3		97.0	40-140		10.3	30	
Dieldrin	31.9	0.330	"	33.3		95.7	40-140		9.69	30	
delta-BHC	30.9	0.330	"	33.3		92.8	40-140		6.99	30	
beta-BHC	30.7	0.330	"	33.3		92.1	40-140		8.86	30	
alpha-BHC	30.3	0.330	"	33.3		90.9	40-140		10.5	30	
Aldrin	29.6	0.330	"	33.3		88.8	40-140		9.21	30	
4,4'-DDT	41.9	0.330	"	33.3		126	40-140		10.4	30	
4,4'-DDE	28.9	0.330	"	33.3		86.7	40-140		10.2	30	
4,4'-DDD	30.9	0.330	"	33.3		92.7	40-140		12.5	30	
Surrogate: Tetrachloro-m-xylene	*57.5*		*"*	*67.7*		*84.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*65.5*		*"*	*71.7*		*91.4*	*30-140*				

Organochlorine Pesticides by GC/ECD - 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 BD41244 - EPA SW846-3510C Low Level											
Blank (BD41244-BLK1)								Prepared & Analyzed: 04/25/2014			
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Heptachlor	ND	0.00400	"								
gamma-BHC (Lindane)	ND	0.00400	"								
Endrin ketone	ND	0.0100	"								
Endrin aldehyde	ND	0.0100	"								
Endrin	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan I	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
delta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
beta-BHC	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
Aldrin	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
4,4'-DDE	ND	0.00400	"								
4,4'-DDD	ND	0.00400	"								
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	*0.0955*		*"*	*0.203*		*47.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.145*		*"*	*0.215*		*67.7*	*30-120*				

Organochlorine Pesticides by GC/ECD - 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 BD41244 - EPA SW846-3510C Low Level											
LCS (BD41244-BS1)							Prepared & Analyzed: 04/25/2014				
Methoxychlor	0.0882	0.00400	ug/L	0.100		88.2	40-120				
Heptachlor epoxide	0.0575	0.00400	"	0.100		57.5	40-120				
Heptachlor	0.0545	0.00400	"	0.100		54.5	40-120				
gamma-BHC (Lindane)	0.0523	0.00400	"	0.100		52.3	40-120				
Endrin ketone	0.0801	0.0100	"	0.100		80.1	40-120				
Endrin aldehyde	0.0638	0.0100	"	0.100		63.8	40-120				
Endrin	0.0638	0.00400	"	0.100		63.8	40-120				
Endosulfan sulfate	0.0664	0.00400	"	0.100		66.4	40-120				
Endosulfan II	0.0641	0.00400	"	0.100		64.1	40-120				
Endosulfan I	0.0622	0.00400	"	0.100		62.2	40-120				
Dieldrin	0.0626	0.00200	"	0.100		62.6	40-120				
delta-BHC	0.0429	0.00400	"	0.100		42.9	40-120				
beta-BHC	0.0606	0.00400	"	0.100		60.6	40-120				
alpha-BHC	0.0508	0.00400	"	0.100		50.8	40-120				
Aldrin	0.0426	0.00400	"	0.100		42.6	40-120				
4,4'-DDT	0.0837	0.00400	"	0.100		83.7	40-120				
4,4'-DDE	0.0604	0.00400	"	0.100		60.4	40-120				
4,4'-DDD	0.0681	0.00400	"	0.100		68.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0968*		*"*	*0.203*		*47.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.136*		*"*	*0.215*		*63.1*	*30-120*				
LCS (BD41244-BS2)							Prepared & Analyzed: 04/25/2014				
Aroclor 1260	0.802	0.0500	ug/L	1.00		80.2	40-120				
Aroclor 1016	0.748	0.0500	"	1.00		74.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0810*		*"*	*0.203*		*39.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0920*		*"*	*0.215*		*42.8*	*30-120*				
LCS Dup (BD41244-BSD1)							Prepared & Analyzed: 04/25/2014				
Methoxychlor	0.0859	0.00400	ug/L	0.100		85.9	40-120		2.58	30	
Heptachlor epoxide	0.0696	0.00400	"	0.100		69.6	40-120		19.0	30	
Heptachlor	0.0664	0.00400	"	0.100		66.4	40-120		19.6	30	
gamma-BHC (Lindane)	0.0642	0.00400	"	0.100		64.2	40-120		20.4	30	
Endrin ketone	0.0903	0.0100	"	0.100		90.3	40-120		12.0	30	
Endrin aldehyde	0.0742	0.0100	"	0.100		74.2	40-120		15.1	30	
Endrin	0.0744	0.00400	"	0.100		74.4	40-120		15.4	30	
Endosulfan sulfate	0.0763	0.00400	"	0.100		76.3	40-120		14.0	30	
Endosulfan II	0.0748	0.00400	"	0.100		74.8	40-120		15.4	30	
Endosulfan I	0.0729	0.00400	"	0.100		72.9	40-120		15.8	30	
Dieldrin	0.0717	0.00200	"	0.100		71.7	40-120		13.6	30	
delta-BHC	0.0486	0.00400	"	0.100		48.6	40-120		12.3	30	
beta-BHC	0.0709	0.00400	"	0.100		70.9	40-120		15.7	30	
alpha-BHC	0.0631	0.00400	"	0.100		63.1	40-120		21.6	30	
Aldrin	0.0513	0.00400	"	0.100		51.3	40-120		18.5	30	
4,4'-DDT	0.0885	0.00400	"	0.100		88.5	40-120		5.57	30	
4,4'-DDE	0.0715	0.00400	"	0.100		71.5	40-120		16.9	30	
4,4'-DDD	0.0805	0.00400	"	0.100		80.5	40-120		16.8	30	
Surrogate: Tetrachloro-m-xylene	*0.112*		*"*	*0.203*		*55.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.153*		*"*	*0.215*		*71.1*	*30-120*				

Organochlorine Pesticides by GC/ECD - 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 BD41244 - EPA SW846-3510C Low Level											
LCS Dup (BD41244-BSD2)							Prepared & Analyzed: 04/25/2014				
Aroclor 1260	0.804	0.0500	ug/L	1.00		80.4	40-120		0.274	30	
Aroclor 1016	0.769	0.0500	"	1.00		76.9	40-120		2.80	30	
Surrogate: Tetrachloro-m-xylene	*0.0840*		*"*	*0.203*		*41.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0890*		*"*	*0.215*		*41.4*	*30-120*				
Batch BD41314 - EPA 3550C											
Blank (BD41314-BLK1)							Prepared & Analyzed: 04/28/2014				
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	*52.4*		*"*	*67.7*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*56.6*		*"*	*71.7*		*79.0*	*30-140*				

Organochlorine Pesticides by GC/ECD - 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 BD41314 - EPA 3550C											
LCS (BD41314-BS1)							Prepared & Analyzed: 04/28/2014				
Methoxychlor	27.6	1.65	ug/kg wet	33.3		82.9	40-140				
Heptachlor epoxide	23.3	0.330	"	33.3		70.0	40-140				
Heptachlor	23.9	0.330	"	33.3		71.8	40-140				
gamma-BHC (Lindane)	23.8	0.330	"	33.3		71.5	40-140				
Endrin ketone	27.8	0.330	"	33.3		83.5	40-140				
Endrin aldehyde	24.1	0.330	"	33.3		72.4	40-140				
Endrin	22.7	0.330	"	33.3		68.2	40-140				
Endosulfan sulfate	26.1	0.330	"	33.3		78.4	40-140				
Endosulfan II	25.3	0.330	"	33.3		75.8	40-140				
Endosulfan I	25.8	0.330	"	33.3		77.5	40-140				
Dieldrin	25.7	0.330	"	33.3		77.2	40-140				
delta-BHC	24.7	0.330	"	33.3		74.1	40-140				
beta-BHC	24.9	0.330	"	33.3		74.7	40-140				
alpha-BHC	24.7	0.330	"	33.3		74.1	40-140				
Aldrin	22.7	0.330	"	33.3		68.2	40-140				
4,4'-DDT	31.9	0.330	"	33.3		95.8	40-140				
4,4'-DDE	22.6	0.330	"	33.3		67.9	40-140				
4,4'-DDD	22.8	0.330	"	33.3		68.5	40-140				
Surrogate: Tetrachloro-m-xylene	*58.1*		*"*	*67.7*		*85.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*62.7*		*"*	*71.7*		*87.5*	*30-140*				
LCS (BD41314-BS2)							Prepared & Analyzed: 04/28/2014				
Aroclor 1260	318	17.0	ug/kg wet	333		95.5	40-130				
Aroclor 1016	331	17.0	"	333		99.4	40-130				
Surrogate: Tetrachloro-m-xylene	*44.0*		*"*	*67.7*		*65.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*40.3*		*"*	*71.7*		*56.3*	*30-140*				
LCS Dup (BD41314-BSD1)							Prepared & Analyzed: 04/28/2014				
Methoxychlor	28.4	1.65	ug/kg wet	33.3		85.2	40-140		2.72	30	
Heptachlor epoxide	24.0	0.330	"	33.3		72.0	40-140		2.80	30	
Heptachlor	24.7	0.330	"	33.3		74.1	40-140		3.05	30	
gamma-BHC (Lindane)	24.5	0.330	"	33.3		73.5	40-140		2.82	30	
Endrin ketone	28.4	0.330	"	33.3		85.2	40-140		1.93	30	
Endrin aldehyde	24.7	0.330	"	33.3		74.2	40-140		2.43	30	
Endrin	23.4	0.330	"	33.3		70.2	40-140		2.86	30	
Endosulfan sulfate	26.9	0.330	"	33.3		80.6	40-140		2.74	30	
Endosulfan II	25.9	0.330	"	33.3		77.7	40-140		2.43	30	
Endosulfan I	26.4	0.330	"	33.3		79.1	40-140		1.97	30	
Dieldrin	26.2	0.330	"	33.3		78.7	40-140		1.92	30	
delta-BHC	25.7	0.330	"	33.3		77.0	40-140		3.80	30	
beta-BHC	25.7	0.330	"	33.3		77.1	40-140		3.13	30	
alpha-BHC	25.3	0.330	"	33.3		76.0	40-140		2.54	30	
Aldrin	23.3	0.330	"	33.3		69.9	40-140		2.56	30	
4,4'-DDT	32.6	0.330	"	33.3		97.8	40-140		2.09	30	
4,4'-DDE	23.4	0.330	"	33.3		70.3	40-140		3.42	30	
4,4'-DDD	23.5	0.330	"	33.3		70.4	40-140		2.71	30	
Surrogate: Tetrachloro-m-xylene	*59.0*		*"*	*67.7*		*87.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*63.7*		*"*	*71.7*		*88.9*	*30-140*				

Organochlorine Pesticides by GC/ECD - 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 BD41314 - EPA 3550C											
LCS Dup (BD41314-BSD2)							Prepared & Analyzed: 04/28/2014				
Aroclor 1260	368	17.0	ug/kg wet	333		111	40-130		14.6	25	
Aroclor 1016	369	17.0	"	333		111	40-130		10.6	25	
Surrogate: Tetrachloro-m-xylene	*50.3*		*"*	*67.7*		*74.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*50.7*		*"*	*71.7*		*70.7*	*30-140*				
Matrix Spike (BD41314-MS1)	*Source sample: 14D0867-14 (SB-7 6-8ft)						Prepared & Analyzed: 04/28/2014				
Methoxychlor	15.9	9.95	ug/kg dry	40.2	ND	39.6	30-150				
Heptachlor epoxide	18.3	1.99	"	40.2	ND	45.6	30-150				
Heptachlor	19.6	1.99	"	40.2	ND	48.6	30-150				
gamma-BHC (Lindane)	20.6	1.99	"	40.2	ND	51.2	30-150				
Endrin ketone	19.1	1.99	"	40.2	ND	47.6	30-150				
Endrin aldehyde	17.0	1.99	"	40.2	ND	42.3	30-150				
Endrin	18.6	1.99	"	40.2	ND	46.1	30-150				
Endosulfan sulfate	19.3	1.99	"	40.2	ND	48.0	30-150				
Endosulfan II	18.3	1.99	"	40.2	ND	45.5	30-150				
Endosulfan I	17.6	1.99	"	40.2	ND	43.9	30-150				
Dieldrin	16.9	1.99	"	40.2	ND	42.0	30-150				
delta-BHC	17.4	1.99	"	40.2	ND	43.3	30-150				
beta-BHC	21.7	1.99	"	40.2	ND	53.9	30-150				
alpha-BHC	20.6	1.99	"	40.2	ND	51.1	30-150				
Aldrin	16.1	1.99	"	40.2	ND	40.2	30-150				
4,4'-DDT	15.6	1.99	"	40.2	ND	38.9	30-150				
4,4'-DDE	14.9	1.99	"	40.2	ND	37.0	30-150				
4,4'-DDD	13.6	1.99	"	40.2	ND	33.9	30-150				
Surrogate: Tetrachloro-m-xylene	*61.8*		*"*	*81.6*		*75.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*48.9*		*"*	*86.5*		*56.5*	*30-140*				

Metals by ICP - 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 BD41115 - EPA 3050B											
Blank (BD41115-BLK1)								Prepared & Analyzed: 04/23/2014			
Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
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	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Reference (BD41115-SRM1)								Prepared & Analyzed: 04/23/2014			
Aluminum	7420	1.00	mg/kg wet	8840		83.9	42-158				
Antimony	107	0.500	"	88.2		121	26.3-289				
Arsenic	97.7	1.00	"	99.6		98.1	69.3-131				
Barium	290	1.00	"	310		93.5	74.2-126				
Beryllium	69.2	0.100	"	72.3		95.8	73.8-126				
Cadmium	171	0.300	"	182		94.1	73.6-126				
Calcium	6320	5.00	"	6790		93.0	74.2-126				
Chromium	127	0.500	"	136		93.7	70.4-130				
Cobalt	123	0.500	"	128		96.2	74.1-125				
Copper	105	0.500	"	102		103	74.3-126				
Iron	11300	2.00	"	12600		89.7	31-168				
Lead	105	0.300	"	115		91.0	72.1-129				
Magnesium	2710	5.00	"	3010		90.0	66.1-134				
Manganese	306	0.500	"	323		94.7	74.9-125				
Nickel	159	0.500	"	153		104	73.2-126				
Potassium	2570	5.00	"	2840		90.4	62-138				
Selenium	159	1.00	"	150		106	67.3-133				
Silver	35.6	0.500	"	40.4		88.2	65.8-134				
Sodium	2700	10.0	"	2760		97.9	65.9-134				
Thallium	159	1.00	"	174		91.5	69-132				
Vanadium	89.9	1.00	"	97.6		92.1	65.2-135				
Zinc	149	1.00	"	161		92.7	68.3-132				

Metals by ICP - 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 BD41134 - EPA 3010A											
Blank (BD41134-BLK1)								Prepared: 04/23/2014 Analyzed: 04/24/2014			
Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
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	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								
Reference (BD41134-SRM1)								Prepared: 04/23/2014 Analyzed: 04/24/2014			
Aluminum	2.97	0.010	mg/L	3.16		93.9	82.9-116				
Antimony	0.661	0.005	"	0.687		96.3	70.6-120				
Arsenic	0.223	0.004	"	0.243		91.8	82.7-118				
Barium	2.03	0.010	"	1.99		102	86.9-113				
Beryllium	0.459	0.001	"	0.487		94.2	85-113				
Cadmium	0.194	0.003	"	0.198		97.8	84.8-114				
Chromium	0.757	0.005	"	0.780		97.0	87.2-113				
Cobalt	0.202	0.005	"	0.198		102	87.4-113				
Copper	0.163	0.003	"	0.170		96.0	89.4-111				
Iron	0.352	0.020	"	0.322		109	87.3-115				
Lead	0.208	0.003	"	0.213		97.6	85-115				
Manganese	1.65	0.005	"	1.64		101	89.6-111				
Nickel	1.50	0.005	"	1.58		94.8	89.9-111				
Selenium	1.20	0.010	"	1.28		93.8	79.6-116				
Silver	0.450	0.005	"	0.477		94.4	85.7-114				
Thallium	0.409	0.005	"	0.409		100	79-121				
Vanadium	0.472	0.010	"	0.502		94.1	87.5-112				
Zinc	1.38	0.010	"	1.40		98.3	85.7-114				

Metals by ICP - 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 BD41134 - EPA 3010A											
Reference (BD41134-SRM2)								Prepared: 04/23/2014 Analyzed: 04/24/2014			
Calcium	64.4	0.050	mg/L	62.7		103	86-114				
Magnesium	28.0	0.050	"	29.0		96.7	86.2-114				
Potassium	32.5	0.050	"	32.4		100	85.2-115				
Sodium	80.2	0.100	"	85.1		94.2	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41191 - EPA SW846-7471											
Blank (BD41191-BLK1)								Prepared: 04/24/2014 Analyzed: 04/25/2014			
Mercury	ND	0.0330	mg/kg wet								
LCS (BD41191-BS1)								Prepared: 04/24/2014 Analyzed: 04/25/2014			
Mercury	3.45		mg/kg	3.73		92.5	67.6-131				
Duplicate (BD41191-DUP1)	*Source sample: 14D0867-01 (SB-1 0-2ft)							Prepared: 04/24/2014 Analyzed: 04/25/2014			
Mercury	ND	0.0407	mg/kg dry		ND					35	
Matrix Spike (BD41191-MS1)	*Source sample: 14D0867-01 (SB-1 0-2ft)							Prepared: 04/24/2014 Analyzed: 04/25/2014			
Mercury	0.328		mg/kg	0.333	ND	98.5	75-125				
Batch BD41265 - EPA SW846-7470											
Blank (BD41265-BLK1)								Prepared: 04/25/2014 Analyzed: 04/28/2014			
Mercury	ND	0.0002	mg/L								
Blank (BD41265-BLK2)								Prepared: 04/25/2014 Analyzed: 04/28/2014			
Mercury	ND	0.0002	mg/L								
LCS (BD41265-BS1)								Prepared: 04/25/2014 Analyzed: 04/28/2014			
Mercury	0.002024	0.0002	mg/L	0.00200		101	80-120				
LCS (BD41265-BS2)								Prepared: 04/25/2014 Analyzed: 04/28/2014			
Mercury	0.002094	0.0002	mg/L	0.00200		105	80-120				
Batch BD41342 - EPA SW846-7471											
Blank (BD41342-BLK1)								Prepared & Analyzed: 04/28/2014			
Mercury	ND	0.0330	mg/kg wet								

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 BD41342 - EPA SW846-7471											
LCS (BD41342-BS1)							Prepared & Analyzed: 04/28/2014				
Mercury	3.30		mg/kg	3.73		88.5	67.6-131				

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 BD41103 - Analysis Preparation											
Blank (BD41103-BLK1)								Prepared: 04/23/2014 Analyzed: 04/24/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BD41103-BS1)								Prepared: 04/23/2014 Analyzed: 04/24/2014			
Chromium, Hexavalent	0.508	0.0100	mg/L	0.500		102	80-120				
Batch BD41261 - EPA SW846-3060											
Blank (BD41261-BLK1)								Prepared & Analyzed: 04/25/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BD41261-SRM1)								Prepared & Analyzed: 04/25/2014			
Chromium, Hexavalent	100		mg/L	125		80.4	20.2-180				
Batch BD41317 - EPA SW846-3060											
Blank (BD41317-BLK1)								Prepared & Analyzed: 04/28/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BD41317-SRM1)								Prepared & Analyzed: 04/28/2014			
Chromium, Hexavalent	118		mg/L	125		94.4	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14D0867-01	SB-1 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-02	SB-1 2-4ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-03	SB-2 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-04	SB-2 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-05	SB-3 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-06	SB-3 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-07	SB-4 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-08	SB-4 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-09	SB-5 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-10	SB-5 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-11	SB-6 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-12	SB-6 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-13	SB-7 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-14	SB-7 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-15	SB-8 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-16	SB-8 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-17	SB-9 0-2ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-18	SB-9 6-8ft	40mL Vial with Stir Bar-Cool 4° C
14D0867-19	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D0867-20	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
M-BCCB	Analyte in CCB > MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Corrective Action: Per client request, the sample IDs were revised to SB and a revised COC was received for the samples.

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 2

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. 1400867

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env. Corp.	SAME [x]	SAME [ ]	#140078	RUSH-Same Day	Summary Report x
Address: 15 Ocean Ave. 2nd Fl	Name:	Name: Muslima	120 Union Ave	RUSH-Next Day	QA Report X
Bklyn, NY 11225	Company:	Company: Hydro Tech Env. Corp.	Brooklyn NY	RUSH-Two Day	CT RCP
Phone.: 718-636-0800	Address:	Address: 77 Arkay Dr. Suite G	Purchase Order #	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Paul I. Matli		Hauppauge Ny	5040	RUSH-Four Day X	NY ASP A Package
E-mail: pmatli@hydrotechenvironmental.com	E-mail:	E-mail mwani@hydrotechenvironmental.c	Samples from CT__ NY✓ NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel x
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: See Comment below

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): Sylvia Costello 4/22/14

Name (printed): Paul E Matli

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 Soil Lists
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indic.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): EPA 8260/8270BNA/8081/8082/TAL Metals (incl.Chromium Hex)	Container Description (4 terra core vials + 8 oz jar)
SB-1 ~~SP01~~ 0-2 ft	4/21/2014	S	x	x
SB-1 ~~SP01~~ 2-4 ft	x	x	x	x
SB-2 ~~SP02~~ 0-2 ft	4/17/2014	x	x	x
SB-2 ~~SP02~~ 6-8 ft	x	x	x	x
SB-3 ~~SP03~~ 0-2 ft	x	x	x	x
SB-3 ~~SP03~~ 6-8 ft	x	x	x	x
SB-4 ~~SP04~~ 0-2 ft	x	x	x	x
SB-4 ~~SP04~~ 6-8 ft	x	x	x	x
SB-1 ~~SP05~~ 0-2 ft	4/21/2014	x	x	x
SB-1 ~~SP05~~ 6-8 ft	x	x	x	x

Comments:

x = same as before Dt terra cores preserved frozen

NYSDEC Part 375 Unrestricted and Restricted Residential

Apply E -designation quote for billing

Soil sample for VOCs collected per EPA 5035/Total VOC and SVOC lists

Preservation (check all applicable): 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc Ascorbic Acid Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By: 4/22/14 1500 pm Date/Time

Samples Received By: K Barker 4/22/14 Date/Time

Samples Relinquished By Date/Time

Samples Received in LAB by: Proce 4-22-14 1630 Date/Time

Temperature on Receipt: 3.7 °C

OTHER:

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. 14D0867

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env. Corp.	SAME [x]	SAME [ ]	#140078	RUSH-Same Day	Summary Report x
Address: 15 Ocean Ave. 2nd Fl	Name:	Name: Muslima	120 Union Ave	RUSH-Next Day	QA Report x
Bklyn, NY 11225	Company:	Company: Hydro Tech Env. Corp.	Brooklyn NY	RUSH-Two Day	CT RCP
Phone.: 718-636-0800	Address:	Address: 77 Arkay Dr. Suite G	Purchase Order #	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Paul I. Matli		Hauppauge Ny	5040	RUSH-Four Day x	NY ASP A Package
E-mail: pmatli@hydrotechenvironmental.com	E-mail:	E-mail muslima@hydrotechenvironmental.com	Samples from CT NY NJ	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel x
					NYSDEC EQuIS x
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: See Comment below

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	FP13 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	Part360-Routine	Part360-Baseline
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO14A	Part360-Expanded Air Listed Pesticides
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air TO15	Part360-Expanded Air List
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air STARS	NYCDEP Sewer
Halog.only	NJDEP list	App. IX	Chlordane	Indic.Metals	Air VPH	NYSDEC Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Air TICs	TAGM
8021B list		SPLP or TCLP	608 PCB		Methane	
					Helium	

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SB-6 0-2 ft	4/21/2014	GW	EPA 8260/8270BNA/8081/8082/TAL Metals (Incl.Chromium Hex)	4 terra core vials + 8 oz jar
SB-6 6-8 ft	x	x	x	x
SB-7 0-2 ft	x	x	x	x
SB-7 6-8 ft	x	x	x	x
SB-8 0-2 ft	x	x	x	x
SB-8 6-8 ft	x	x	x	x
SB-9 0-2 ft	x	x	x	x
SB-9 6-8 ft	x	x	x	x
c Field Blank	x	DI	EPA 8260/8270BNA/8081/8082/TAL Metals (Incl.Chromium Hex)	3x40ml vial,2x250 plastic,+5x1L amber 1x500 ml plastic
Trip Blank	x	x	x	3x40ml vial

Comments:

x = same as before DI terra cores preserved frozen

NYSDEC Part 375 Unrestricted and Restricted Residential

Apply E -designation quote for billing

Soil sample for VOCs collected per EPA 5035/Total VOC and SVOC lists

Preservation (check all applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	4/22/14 1500	K Barker	4/22/14 1500	2-5 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
		Mirace	4-22-14 1830	

APPENDIX-I
LABORATORY DATA DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA

Technical Report

prepared for:

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

Report Date: 05/02/2014
Client Project ID: 120 Union Ave Brooklyn, NY
York Project (SDG) No.: 14D1104

Revision No. 1.0

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

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

Report Date: 05/02/2014
Client Project ID: 120 Union Ave Brooklyn, NY
York Project (SDG) No.: 14D1104

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 28, 2014 and listed below. The project was identified as your project: **120 Union Ave 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
14D1104-01	MW-5	Water	04/23/2014	04/28/2014
14D1104-02	MW-6	Water	04/23/2014	04/28/2014
14D1104-03	MW-7	Water	04/23/2014	04/28/2014
14D1104-04	MW-8	Water	04/23/2014	04/28/2014
14D1104-05	MW-9	Water	04/23/2014	04/28/2014
14D1104-06	Field Blank	Water	04/23/2014	04/28/2014

General Notes for York Project (SDG) No.: 14D1104

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: 05/02/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 05:47	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*76.1 %*	S-07	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.1 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*94.2 %*		*88-114*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
56-55-3	**Benzo(a)anthracene**	**0.0923**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
50-32-8	**Benzo(a)pyrene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
218-01-9	**Chrysene**	**0.103**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.98**		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
206-44-0	**Fluoranthene**	**0.267**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
98-95-3	**Nitrobenzene**	**0.287**		ug/L	0.256	0.256	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
85-01-8	**Phenanthrene**	**0.492**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
129-00-0	**Pyrene**	**0.687**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:20	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:18	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*22.3 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*10.9 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.8 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.0 %*	*10-108*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*74.8 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*92.1 %*			*10-143*						

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 15:49	JW

	Surrogate Recoveries	Result	Flag	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.6 %*		*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*28.5 %*	GC-Sur r	*30-120*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:19	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*26.6 %*	GC-Sur r	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.6 %*		*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.910**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-39-3	**Barium**	**0.057**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-70-2	**Calcium**	**120**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7439-89-6	**Iron**	**1.73**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7439-92-1	**Lead**	**0.043**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7439-95-4	**Magnesium**	**10.4**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7439-96-5	**Manganese**	**0.464**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-09-7	**Potassium**	**10.7**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-23-5	**Sodium**	**23.2**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW
7440-66-6	**Zinc**	**0.022**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:48	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.025**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-39-3	**Barium**	**0.041**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-70-2	**Calcium**	**121**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7439-89-6	**Iron**	**0.128**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7439-92-1	**Lead**	**0.003**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7439-95-4	**Magnesium**	**10.2**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7439-96-5	**Manganese**	**0.414**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-09-7	**Potassium**	**10.4**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-23-5	**Sodium**	**23.1**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW
7440-66-6	**Zinc**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:42	MW

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **14D1104-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:00 am	04/28/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	05/01/2014 16:52	05/01/2014 17:04	SC

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
78-93-3	**2-Butanone**	**11**		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:18	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*74.5 %*	S-07	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.8 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*93.3 %*		*88-114*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
206-44-0	**Fluoranthene**	**0.0500**	J	ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:51	SR
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	04/30/2014 18:49	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*19.3 %*		*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*6.76 %*	S-04	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.1 %*		*10-120*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.7 %*			*10-108*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*61.4 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*78.5 %*			*10-143*						

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:05	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.1 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.3 %*	*30-120*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:38	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.1 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.530**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-39-3	**Barium**	**0.129**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-70-2	**Calcium**	**176**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7439-89-6	**Iron**	**8.82**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7439-92-1	**Lead**	**0.015**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7439-95-4	**Magnesium**	**28.3**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7439-96-5	**Manganese**	**1.93**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-02-0	**Nickel**	**0.006**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-09-7	**Potassium**	**12.5**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-23-5	**Sodium**	**17.2**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **14D1104-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW
7440-66-6	**Zinc**	**0.055**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:53	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-39-3	**Barium**	**0.095**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-70-2	**Calcium**	**174**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7439-89-6	**Iron**	**0.029**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7439-95-4	**Magnesium**	**27.8**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7439-96-5	**Manganese**	**1.87**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-09-7	**Potassium**	**12.3**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-23-5	**Sodium**	**17.0**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW
7440-66-6	**Zinc**	**0.017**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:47	MW

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 14D1104-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 10:30 am	04/28/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	05/01/2014 16:52	05/01/2014 17:04	SC

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 14D1104-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
67-64-1	**Acetone**	**8.3**	B	ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**17**		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 06:48	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*76.3 %*	S-07	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*95.3 %*		*88-114*

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**8.18**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
208-96-8	**Acenaphthylene**	**2.18**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
120-12-7	**Anthracene**	**6.10**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
56-55-3	**Benzo(a)anthracene**	**1.32**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
50-32-8	**Benzo(a)pyrene**	**0.856**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
205-99-2	**Benzo(b)fluoranthene**	**0.256**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.389**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
207-08-9	**Benzo(k)fluoranthene**	**0.522**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
218-01-9	**Chrysene**	**1.22**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.211**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**3.53**		ug/L	0.556	0.556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
206-44-0	**Fluoranthene**	**5.73**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
86-73-7	**Fluorene**	**13.2**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.400**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
91-57-6	**2-Methylnaphthalene**	**50.9**		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:21	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
85-01-8	**Phenanthrene**	**19.3**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
129-00-0	**Pyrene**	**8.99**		ug/L	0.0556	0.0556	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:20	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.7 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*11.7 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.9 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.6 %*	*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*99.5 %*	*10-150*

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*133 %*			*10-143*						

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
72-43-5	Methoxychlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
309-00-2	Aldrin	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
319-84-6	alpha-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
319-85-7	beta-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0125	0.0125	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
319-86-8	delta-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
60-57-1	Dieldrin	ND		ug/L	0.00250	0.00250	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
959-98-8	Endosulfan I	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
72-20-8	Endrin	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
76-44-8	Heptachlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	0.00500	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:21	JW

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.2 %*	GC-Sur r	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.1 %*		*30-120*

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0625	0.0625	1	EPA 8082A	04/30/2014 06:03	04/30/2014 18:57	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.4 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.7 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4.16**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-39-3	**Barium**	**0.108**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-70-2	**Calcium**	**104**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-47-3	**Chromium**	**0.012**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-48-4	**Cobalt**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-50-8	**Copper**	**0.020**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7439-89-6	**Iron**	**8.83**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7439-92-1	**Lead**	**0.025**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7439-95-4	**Magnesium**	**18.9**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7439-96-5	**Manganese**	**0.564**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-02-0	**Nickel**	**0.018**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-09-7	**Potassium**	**11.3**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-23-5	**Sodium**	**75.6**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-62-2	**Vanadium**	**0.036**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW
7440-66-6	**Zinc**	**0.081**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 00:58	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-39-3	**Barium**	**0.045**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-70-2	**Calcium**	**93.1**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7439-89-6	**Iron**	**0.023**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7439-95-4	**Magnesium**	**15.0**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7439-96-5	**Manganese**	**0.296**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-02-0	**Nickel**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-09-7	**Potassium**	**10.1**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-23-5	**Sodium**	**75.3**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-62-2	**Vanadium**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW
7440-66-6	**Zinc**	**0.022**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 22:52	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Sample Information

Client Sample ID: **MW-7** **York Sample ID:** **14D1104-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:00 am	04/28/2014

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
67-64-1	**Acetone**	**4.8**	J, B	ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:18	SS

	Surrogate Recoveries	Result	Flag	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*78.5 %*	S-07	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.2 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*93.2 %*		*88-114*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.59**		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
85-01-8	**Phenanthrene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:52	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	04/30/2014 19:50	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*27.6 %*		*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*7.57 %*	S-04	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*80.6 %*		*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.9 %*		*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*76.7 %*		*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*95.0 %*		*10-143*

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 16:36	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.3 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.6 %*	*30-120*

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:17	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*25.6 %*	GC-Sur r	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.3 %*		*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.159**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-39-3	**Barium**	**0.054**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-70-2	**Calcium**	**123**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-50-8	**Copper**	**0.004**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7439-89-6	**Iron**	**0.265**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7439-92-1	**Lead**	**0.007**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7439-95-4	**Magnesium**	**21.4**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7439-96-5	**Manganese**	**1.95**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-02-0	**Nickel**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-09-7	**Potassium**	**5.25**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-23-5	**Sodium**	**16.3**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW
7440-66-6	**Zinc**	**0.028**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:03	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-39-3	**Barium**	**0.048**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-70-2	**Calcium**	**121**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-50-8	**Copper**	**0.003**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7439-95-4	**Magnesium**	**20.6**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7439-96-5	**Manganese**	**1.95**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-02-0	**Nickel**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-09-7	**Potassium**	**5.08**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-23-5	**Sodium**	**15.9**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW

Sample Information

Client Sample ID: **MW-8** **York Sample ID:** **14D1104-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 11:30 am	04/28/2014

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW
7440-66-6	**Zinc**	**0.024**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:10	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	05/01/2014 16:52	05/01/2014 17:04	SC

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 07:48	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*75.4 %*	S-07	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.4 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*95.3 %*		*88-114*

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
120-12-7	**Anthracene**	**0.0700**		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**29.0**		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	04/29/2014 19:00	04/30/2014 20:22	SR
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:06	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.8 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*25.4 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.8 %*	*10-120*

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.9 %*			*10-108*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*56.5 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*65.5 %*			*10-143*						

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:19	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.3 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.6 %*	*30-120*

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:36	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.184**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-39-3	**Barium**	**0.094**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-70-2	**Calcium**	**221**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7439-89-6	**Iron**	**2.66**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7439-92-1	**Lead**	**0.005**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7439-95-4	**Magnesium**	**69.7**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7439-96-5	**Manganese**	**5.13**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-02-0	**Nickel**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-09-7	**Potassium**	**19.2**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-23-5	**Sodium**	**91.3**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW
7440-66-6	**Zinc**	**0.023**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:21	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.010**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-39-3	**Barium**	**0.082**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-70-2	**Calcium**	**220**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7439-89-6	**Iron**	**0.022**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7439-95-4	**Magnesium**	**69.4**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7439-96-5	**Manganese**	**5.04**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-02-0	**Nickel**	**0.005**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-09-7	**Potassium**	**18.9**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-23-5	**Sodium**	**91.2**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW
7440-66-6	**Zinc**	**0.014**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:15	MW

Sample Information

Client Sample ID: **MW-9** **York Sample ID:** **14D1104-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:00 pm	04/28/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	05/01/2014 16:52	05/01/2014 17:04	SC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
67-64-1	**Acetone**	**3.7**	J, B	ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	04/30/2014 16:56	05/01/2014 08:18	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*80.8 %*	S-07	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.7 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*95.1 %*		*88-114*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.52**		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/29/2014 19:00	04/30/2014 21:54	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/29/2014 19:00	05/01/2014 13:38	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.8 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*16.7 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.7 %*	*10-120*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.2 %*			*10-108*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*38.7 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*56.9 %*			*10-143*						

Pesticides, NYSDEC Part 375 Target List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	04/30/2014 06:03	04/30/2014 14:35	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.6 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.5 %*	*30-120*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	04/30/2014 06:03	04/30/2014 19:55	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.9 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW
7440-66-6	**Zinc**	**0.011**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:26	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:20	MW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1104-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1104	120 Union Ave Brooklyn, NY	Water	April 23, 2014 1:30 pm	04/28/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	04/30/2014 18:30	05/01/2014 13:39	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	05/01/2014 16:52	05/01/2014 17:04	SC

Analytical Batch Summary

Batch ID: BD41403 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/28/14
14D1104-02	MW-6	04/28/14
14D1104-03	MW-7	04/28/14
14D1104-04	MW-8	04/28/14
14D1104-05	MW-9	04/28/14
14D1104-06	Field Blank	04/28/14
BD41403-BLK1	Blank	04/28/14
BD41403-BS1	LCS	04/28/14

Batch ID: BD41452 **Preparation Method:** EPA 3510C **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/29/14
14D1104-02	MW-6	04/29/14
14D1104-03	MW-7	04/29/14
14D1104-04	MW-8	04/29/14
14D1104-05	MW-9	04/29/14
14D1104-06	Field Blank	04/29/14
BD41452-BLK1	Blank	04/29/14
BD41452-BS1	LCS	04/29/14
BD41452-BS2	LCS	04/29/14

Batch ID: BD41497 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/30/14
14D1104-01	MW-5	04/30/14
14D1104-02	MW-6	04/30/14
14D1104-02	MW-6	04/30/14
14D1104-03	MW-7	04/30/14
14D1104-03	MW-7	04/30/14
14D1104-04	MW-8	04/30/14
14D1104-04	MW-8	04/30/14
14D1104-05	MW-9	04/30/14
14D1104-05	MW-9	04/30/14
14D1104-06	Field Blank	04/30/14
14D1104-06	Field Blank	04/30/14
BD41497-BLK1	Blank	04/30/14
BD41497-BLK1	Blank	04/30/14
BD41497-BS1	LCS	04/30/14
BD41497-BS2	LCS	04/30/14
BD41497-BSD1	LCS Dup	04/30/14
BD41497-BSD2	LCS Dup	04/30/14

Batch ID: BD41555 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/30/14
14D1104-02	MW-6	04/30/14
14D1104-03	MW-7	04/30/14
14D1104-04	MW-8	04/30/14
14D1104-05	MW-9	04/30/14
14D1104-06	Field Blank	04/30/14
BD41555-BLK1	Blank	04/30/14
BD41555-SRM1	Reference	04/30/14
BD41555-SRM2	Reference	04/30/14

Batch ID: BD41557 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/30/14
14D1104-02	MW-6	04/30/14
14D1104-03	MW-7	04/30/14
14D1104-04	MW-8	04/30/14
14D1104-05	MW-9	04/30/14
14D1104-06	Field Blank	04/30/14
BD41557-BLK1	Blank	04/30/14
BD41557-SRM1	Reference	04/30/14
BD41557-SRM2	Reference	04/30/14

Batch ID: BD41578 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/30/14
14D1104-02	MW-6	04/30/14
14D1104-03	MW-7	04/30/14
14D1104-04	MW-8	04/30/14
14D1104-05	MW-9	04/30/14
14D1104-06	Field Blank	04/30/14
BD41578-BLK1	Blank	04/30/14
BD41578-BLK2	Blank	04/30/14
BD41578-BS1	LCS	04/30/14
BD41578-BS2	LCS	04/30/14

Batch ID: BE40017 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	04/30/14
14D1104-02	MW-6	04/30/14
14D1104-03	MW-7	04/30/14
14D1104-04	MW-8	04/30/14
14D1104-05	MW-9	04/30/14
14D1104-06	Field Blank	04/30/14
BE40017-BLK1	Blank	04/30/14

BE40017-BLK2	Blank	04/30/14
BE40017-BS1	LCS	04/30/14
BE40017-BSD1	LCS Dup	04/30/14

Batch ID: BE40084 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14D1104-01	MW-5	05/01/14
14D1104-02	MW-6	05/01/14
14D1104-04	MW-8	05/01/14
14D1104-05	MW-9	05/01/14
14D1104-06	Field Blank	05/01/14

Volatile Organic Compounds by GC/MS - 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 BE40017 - EPA 5030B											
Blank (BE40017-BLK1)											Prepared: 04/30/2014 Analyzed: 05/01/2014
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	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	3.0	5.0	"								
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	5.0	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - 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 BE40017 - EPA 5030B											
Blank (BE40017-BLK1)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
p- & m- Xylenes	ND	10	ug/L								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*7.71*		*"*	*10.0*		*77.1*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*70-128*				
Surrogate: Toluene-d8	*9.38*		*"*	*10.0*		*93.8*	*88-114*				
Blank (BE40017-BLK2)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
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	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
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	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	2.8	5.0	"								
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	"								

Volatile Organic Compounds by GC/MS - 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 BE40017 - EPA 5030B											
Blank (BE40017-BLK2)									Prepared: 04/30/2014 Analyzed: 05/01/2014		
Chlorobenzene	ND	5.0	ug/L								
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	5.0	"								
Naphthalene	ND	5.0	"								
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	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*8.05*		*"*	*10.0*		*80.5*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*70-128*				
Surrogate: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE40017 - EPA 5030B

LCS (BE40017-BS1) Prepared: 04/30/2014 Analyzed: 05/01/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	8.7		ug/L	10.0		87.4	85-118				
1,1,1-Trichloroethane	8.6		"	10.0		86.1	74-128				
1,1,2,2-Tetrachloroethane	12		"	10.0		117	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		105	51-157				
1,1,2-Trichloroethane	11		"	10.0		107	80-122				
1,1-Dichloroethane	11		"	10.0		109	70-131				
1,1-Dichloroethylene	9.8		"	10.0		97.6	60-143				
1,1-Dichloropropylene	11		"	10.0		106	78-122				
1,2,3-Trichlorobenzene	8.6		"	10.0		86.0	68-140				
1,2,3-Trichloropropane	10		"	10.0		104	77-125				
1,2,4-Trichlorobenzene	8.4		"	10.0		84.0	65-143				
1,2,4-Trimethylbenzene	9.0		"	10.0		90.2	83-121				
1,2-Dibromo-3-chloropropane	6.9		"	10.0		68.6	60-146				
1,2-Dibromoethane	9.9		"	10.0		99.4	82-122				
1,2-Dichlorobenzene	7.7		"	10.0		77.3	85-115	Low Bias			
1,2-Dichloroethane	8.4		"	10.0		83.5	72-126				
1,2-Dichloropropane	11		"	10.0		105	78-119				
1,3,5-Trimethylbenzene	9.4		"	10.0		94.4	84-118				
1,3-Dichlorobenzene	9.3		"	10.0		92.7	83-117				
1,3-Dichloropropane	10		"	10.0		101	79-121				
1,4-Dichlorobenzene	9.4		"	10.0		93.5	83-118				
2,2-Dichloropropane	6.9		"	10.0		69.4	60-135				
2-Butanone	5.3		"	10.0		53.1	48-156				
2-Chlorotoluene	9.2		"	10.0		91.9	81-118				
4-Chlorotoluene	9.2		"	10.0		91.9	81-117				
Acetone	12		"	10.0		121	21-172				
Benzene	12		"	10.0		121	82-120	High Bias			
Bromobenzene	10		"	10.0		101	82-119				
Bromochloromethane	11		"	10.0		115	69-125				
Bromodichloromethane	8.2		"	10.0		82.4	84-117	Low Bias			
Bromoform	9.1		"	10.0		90.9	77-130				
Bromomethane	12		"	10.0		122	16-162				
Carbon tetrachloride	8.3		"	10.0		83.2	72-132				
Chlorobenzene	9.6		"	10.0		96.2	88-112				
Chloroethane	12		"	10.0		117	29-172				
Chloroform	9.7		"	10.0		96.7	77-124				
Chloromethane	15		"	10.0		146	37-131	High Bias			
cis-1,2-Dichloroethylene	10		"	10.0		101	77-124				
cis-1,3-Dichloropropylene	9.8		"	10.0		98.3	81-117				
Dibromochloromethane	9.0		"	10.0		89.6	72-131				
Dibromomethane	11		"	10.0		106	85-116				
Dichlorodifluoromethane	8.4		"	10.0		83.8	47-152				
Ethyl Benzene	9.2		"	10.0		92.2	86-114				
Hexachlorobutadiene	6.8		"	10.0		67.9	68-139	Low Bias			
Isopropylbenzene	9.4		"	10.0		94.4	84-118				
Methyl tert-butyl ether (MTBE)	11		"	10.0		107	49-156				
Methylene chloride	15		"	10.0		150	51-145	High Bias			
Naphthalene	9.9		"	10.0		99.2	67-141				
n-Butylbenzene	8.8		"	10.0		87.9	76-125				
n-Propylbenzene	9.4		"	10.0		94.5	84-118				
o-Xylene	8.8		"	10.0		88.0	85-114				

Volatile Organic Compounds by GC/MS - 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 BE40017 - EPA 5030B											
LCS (BE40017-BS1)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
p- & m- Xylenes	18		ug/L	20.0		88.0	84-117				
p-Isopropyltoluene	8.8		"	10.0		88.5	84-121				
sec-Butylbenzene	9.2		"	10.0		92.1	85-119				
Styrene	8.8		"	10.0		88.0	77-126				
tert-Butylbenzene	8.9		"	10.0		88.9	83-119				
Tetrachloroethylene	8.8		"	10.0		88.3	75-129				
Toluene	10		"	10.0		100	86-113				
trans-1,2-Dichloroethylene	11		"	10.0		108	55-148				
trans-1,3-Dichloropropylene	8.8		"	10.0		88.0	77-120				
Trichloroethylene	9.4		"	10.0		94.4	85-115				
Trichlorofluoromethane	7.9		"	10.0		78.6	69-131				
Vinyl Chloride	12		"	10.0		117	44-152				
Vinyl acetate	8.6		"	10.0		85.8	48-145				
Surrogate: 1,2-Dichloroethane-d4	*7.44*		*"*	*10.0*		*74.4*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*70-128*				
Surrogate: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*88-114*				
LCS Dup (BE40017-BSD1)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
1,1,1,2-Tetrachloroethane	9.0		ug/L	10.0		89.5	85-118		2.37	30	
1,1,1-Trichloroethane	8.6		"	10.0		85.5	74-128		0.699	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		117	71-130		0.513	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		103	51-157		1.44	30	
1,1,2-Trichloroethane	11		"	10.0		108	80-122		0.650	30	
1,1-Dichloroethane	11		"	10.0		108	70-131		1.01	30	
1,1-Dichloroethylene	9.6		"	10.0		96.4	60-143		1.24	30	
1,1-Dichloropropylene	11		"	10.0		106	78-122		0.565	30	
1,2,3-Trichlorobenzene	8.4		"	10.0		84.1	68-140		2.23	30	
1,2,3-Trichloropropane	10		"	10.0		103	77-125		1.54	30	
1,2,4-Trichlorobenzene	8.4		"	10.0		83.7	65-143		0.358	30	
1,2,4-Trimethylbenzene	9.0		"	10.0		90.3	83-121		0.111	30	
1,2-Dibromo-3-chloropropane	5.8		"	10.0		58.1	60-146	Low Bias	16.6	30	
1,2-Dibromoethane	10		"	10.0		102	82-122		2.19	30	
1,2-Dichlorobenzene	8.1		"	10.0		80.8	85-115	Low Bias	4.43	30	
1,2-Dichloroethane	8.4		"	10.0		83.5	72-126		0.00	30	
1,2-Dichloropropane	11		"	10.0		105	78-119		0.0949	30	
1,3,5-Trimethylbenzene	9.3		"	10.0		93.3	84-118		1.17	30	
1,3-Dichlorobenzene	9.2		"	10.0		91.5	83-117		1.30	30	
1,3-Dichloropropane	10		"	10.0		102	79-121		0.295	30	
1,4-Dichlorobenzene	9.2		"	10.0		91.7	83-118		1.94	30	
2,2-Dichloropropane	6.6		"	10.0		65.9	60-135		5.17	30	
2-Butanone	9.9		"	10.0		98.9	48-156		60.3	30	Non-dir.
2-Chlorotoluene	9.1		"	10.0		90.9	81-118		1.09	30	
4-Chlorotoluene	8.9		"	10.0		89.3	81-117		2.87	30	
Acetone	9.9		"	10.0		99.4	21-172		19.3	30	
Benzene	12		"	10.0		120	82-120		0.744	30	
Bromobenzene	9.1		"	10.0		90.6	82-119		10.8	30	
Bromochloromethane	12		"	10.0		116	69-125		0.954	30	
Bromodichloromethane	8.4		"	10.0		83.7	84-117	Low Bias	1.57	30	
Bromoform	9.4		"	10.0		94.5	77-130		3.88	30	
Bromomethane	13		"	10.0		132	16-162		7.39	30	
Carbon tetrachloride	8.4		"	10.0		84.3	72-132		1.31	30	
Chlorobenzene	10		"	10.0		100	88-112		4.27	30	

Volatile Organic Compounds by GC/MS - 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 BE40017 - EPA 5030B											
LCS Dup (BE40017-BSD1)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
Chloroethane	12		ug/L	10.0		123	29-172		4.76	30	
Chloroform	9.6		"	10.0		96.5	77-124		0.207	30	
Chloromethane	15		"	10.0		148	37-131	High Bias	1.56	30	
cis-1,2-Dichloroethylene	10		"	10.0		100	77-124		0.598	30	
cis-1,3-Dichloropropylene	10		"	10.0		100	81-117		2.01	30	
Dibromochloromethane	9.1		"	10.0		91.1	72-131		1.66	30	
Dibromomethane	11		"	10.0		106	85-116		0.471	30	
Dichlorodifluoromethane	8.0		"	10.0		80.4	47-152		4.14	30	
Ethyl Benzene	9.5		"	10.0		94.9	86-114		2.89	30	
Hexachlorobutadiene	6.6		"	10.0		66.0	68-139	Low Bias	2.84	30	
Isopropylbenzene	9.3		"	10.0		92.8	84-118		1.71	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	49-156		2.39	30	
Methylene chloride	15		"	10.0		150	51-145	High Bias	0.0665	30	
Naphthalene	9.8		"	10.0		98.4	67-141		0.810	30	
n-Butylbenzene	8.7		"	10.0		87.3	76-125		0.685	30	
n-Propylbenzene	9.3		"	10.0		93.1	84-118		1.49	30	
o-Xylene	9.0		"	10.0		89.9	85-114		2.14	30	
p- & m- Xylenes	18		"	20.0		89.3	84-117		1.52	30	
p-Isopropyltoluene	8.7		"	10.0		87.2	84-121		1.48	30	
sec-Butylbenzene	9.2		"	10.0		91.9	85-119		0.217	30	
Styrene	9.0		"	10.0		89.9	77-126		2.14	30	
tert-Butylbenzene	8.9		"	10.0		88.8	83-119		0.113	30	
Tetrachloroethylene	9.0		"	10.0		90.5	75-129		2.46	30	
Toluene	10		"	10.0		103	86-113		2.46	30	
trans-1,2-Dichloroethylene	11		"	10.0		106	55-148		1.59	30	
trans-1,3-Dichloropropylene	9.3		"	10.0		92.9	77-120		5.42	30	
Trichloroethylene	9.6		"	10.0		95.7	85-115		1.37	30	
Trichlorofluoromethane	8.2		"	10.0		81.5	69-131		3.62	30	
Vinyl Chloride	12		"	10.0		124	44-152		6.39	30	
Vinyl acetate	8.7		"	10.0		87.0	48-145		1.39	30	
Surrogate: 1,2-Dichloroethane-d4	*7.62*		*"*	*10.0*		*76.2*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*70-128*				
Surrogate: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*88-114*				

Semivolatile Organic Compounds by GC/MS - 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 BD41452 - EPA 3510C											
Blank (BD41452-BLK1)									Prepared: 04/29/2014 Analyzed: 04/30/2014		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	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	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-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	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
4-Nitroaniline	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - 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 BD41452 - EPA 3510C											
Blank (BD41452-BLK1)								Prepared: 04/29/2014 Analyzed: 04/30/2014			
3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*13.0*		*"*	*76.8*		*16.9*	*10-53*				
Surrogate: Phenol-d5	*9.20*		*"*	*75.2*		*12.2*	*10-39*				
Surrogate: Nitrobenzene-d5	*23.0*		*"*	*51.4*		*44.7*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*25.3*		*"*	*50.0*		*50.6*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*37.2*		*"*	*77.8*		*47.8*	*10-150*				
Surrogate: Terphenyl-d14	*25.9*		*"*	*50.2*		*51.6*	*10-143*				
LCS (BD41452-BS1)								Prepared: 04/29/2014 Analyzed: 04/30/2014			
Acenaphthene	31.2	0.0500	ug/L	50.0		62.4	24-114				
Acenaphthylene	27.3	0.0500	"	50.0		54.6	26-112				
Aniline	32.4	5.00	"	50.0		64.7	10-107				
Anthracene	31.4	0.0500	"	50.0		62.7	35-114				
Benzo(a)anthracene	35.9	0.0500	"	50.0		71.8	38-127				
Benzo(a)pyrene	38.6	0.0500	"	50.0		77.2	30-146				
Benzo(b)fluoranthene	45.4	0.0500	"	50.0		90.8	36-145				
Benzo(g,h,i)perylene	42.0	0.0500	"	50.0		84.0	10-163				
Benzo(k)fluoranthene	35.2	0.0500	"	50.0		70.4	16-149				
Benzyl alcohol	22.3	5.00	"	50.0		44.5	18-75				
Benzyl butyl phthalate	39.4	5.00	"	50.0		78.9	28-129				
4-Bromophenyl phenyl ether	33.2	5.00	"	50.0		66.4	38-116				
4-Chloro-3-methylphenol	27.7	5.00	"	50.0		55.4	28-101				
4-Chloroaniline	35.6	5.00	"	50.0		71.2	10-154				
Bis(2-chloroethoxy)methane	29.2	5.00	"	50.0		58.4	27-112				
Bis(2-chloroethyl)ether	18.4	5.00	"	50.0		36.8	24-114				
Bis(2-chloroisopropyl)ether	44.6	5.00	"	50.0		89.2	21-124				
2-Chloronaphthalene	31.1	5.00	"	50.0		62.1	40-96				
2-Chlorophenol	30.4	5.00	"	50.0		60.9	35-84				
4-Chlorophenyl phenyl ether	31.0	5.00	"	50.0		62.0	34-112				
Chrysene	42.5	0.0500	"	50.0		85.0	33-120				
Dibenzo(a,h)anthracene	42.2	0.0500	"	50.0		84.3	10-149				
Dibenzofuran	31.0	5.00	"	50.0		61.9	42-105				
Di-n-butyl phthalate	33.0	5.00	"	50.0		65.9	36-110				
1,4-Dichlorobenzene	27.2	5.00	"	50.0		54.3	42-82				
1,3-Dichlorobenzene	26.8	5.00	"	50.0		53.6	45-80				
1,2-Dichlorobenzene	28.1	5.00	"	50.0		56.2	42-85				

Semivolatile Organic Compounds by GC/MS - 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 BD41452 - EPA 3510C											
LCS (BD41452-BS1)								Prepared: 04/29/2014 Analyzed: 04/30/2014			
3,3'-Dichlorobenzidine	52.8	5.00	ug/L	50.0		106	25-155				
2,4-Dichlorophenol	34.9	5.00	"	50.0		69.8	43-92				
Diethyl phthalate	31.2	5.00	"	50.0		62.5	38-112				
2,4-Dimethylphenol	28.8	5.00	"	50.0		57.7	25-92				
Dimethyl phthalate	36.8	5.00	"	50.0		73.5	49-106				
4,6-Dinitro-2-methylphenol	42.2	5.00	"	50.0		84.5	10-135				
2,4-Dinitrophenol	37.9	5.00	"	50.0		75.8	10-149				
2,4-Dinitrotoluene	39.2	5.00	"	50.0		78.3	41-114				
2,6-Dinitrotoluene	38.9	5.00	"	50.0		77.9	49-106				
Di-n-octyl phthalate	30.4	5.00	"	50.0		60.9	12-149				
Bis(2-ethylhexyl)phthalate	32.5	0.500	"	50.0		65.0	10-171				
Fluoranthene	31.7	0.0500	"	50.0		63.4	33-126				
Fluorene	32.4	0.0500	"	50.0		64.9	28-117				
Hexachlorobenzene	28.1	0.0200	"	50.0		56.2	27-120				
Hexachlorobutadiene	33.0	0.500	"	50.0		66.0	25-106				
Hexachlorocyclopentadiene	20.2	5.00	"	50.0		40.4	10-99				
Hexachloroethane	31.9	0.500	"	50.0		63.8	33-84				
Indeno(1,2,3-cd)pyrene	41.7	0.0500	"	50.0		83.4	10-150				
Isophorone	31.4	5.00	"	50.0		62.9	29-115				
2-Methylnaphthalene	27.2	5.00	"	50.0		54.4	33-101				
2-Methylphenol	21.8	5.00	"	50.0		43.6	10-90				
3- & 4-Methylphenols	19.7	5.00	"	50.0		39.4	10-101				
Naphthalene	28.1	0.0500	"	50.0		56.2	30-99				
4-Nitroaniline	25.2	5.00	"	50.0		50.4	15-143				
3-Nitroaniline	37.1	5.00	"	50.0		74.2	29-128				
2-Nitroaniline	37.0	5.00	"	50.0		74.0	31-122				
Nitrobenzene	34.0	0.250	"	50.0		68.1	32-113				
4-Nitrophenol	13.7	5.00	"	50.0		27.5	10-112				
2-Nitrophenol	34.3	5.00	"	50.0		68.7	37-97				
N-nitroso-di-n-propylamine	28.4	5.00	"	50.0		56.7	36-118				
N-Nitrosodimethylamine	11.9	0.500	"	50.0		23.8	10-63				
N-Nitrosodiphenylamine	31.6	5.00	"	50.0		63.3	27-145				
Pentachlorophenol	35.3	0.250	"	50.0		70.5	19-127				
Phenanthrene	35.1	0.0500	"	50.0		70.2	31-112				
Phenol	11.6	5.00	"	50.0		23.2	10-37				
Pyrene	39.8	0.0500	"	50.0		79.6	42-125				
Pyridine	3.48	5.00	"	50.0		6.96	10-46	Low Bias			
1,2,4-Trichlorobenzene	32.1	5.00	"	50.0		64.2	35-91				
2,4,5-Trichlorophenol	32.0	5.00	"	50.0		64.0	36-112				
2,4,6-Trichlorophenol	32.4	5.00	"	50.0		64.7	41-107				
Surrogate: 2-Fluorophenol	*21.5*		*"*	*76.8*		*28.0*	*10-53*				
Surrogate: Phenol-d5	*13.0*		*"*	*75.2*		*17.2*	*10-39*				
Surrogate: Nitrobenzene-d5	*29.8*		*"*	*51.4*		*58.0*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*21.2*		*"*	*50.0*		*42.5*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*48.7*		*"*	*77.8*		*62.6*	*10-150*				
Surrogate: Terphenyl-d14	*35.7*		*"*	*50.2*		*71.2*	*10-143*				

Semivolatile Organic Compounds by GC/MS - 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 BD41452 - EPA 3510C											
LCS (BD41452-BS2)							Prepared: 04/29/2014 Analyzed: 04/30/2014				
Acenaphthene	0.560	0.0500	ug/L	1.00		56.0	24-114				
Acenaphthylene	0.640	0.0500	"	1.00		64.0	26-112				
Aniline	ND	5.00	"				10-107				
Anthracene	0.770	0.0500	"	1.00		77.0	35-114				
Benzo(a)anthracene	0.680	0.0500	"	1.00		68.0	38-127				
Benzo(a)pyrene	0.810	0.0500	"	1.00		81.0	30-146				
Benzo(b)fluoranthene	0.670	0.0500	"	1.00		67.0	36-145				
Benzo(g,h,i)perylene	0.790	0.0500	"	1.00		79.0	10-163				
Benzo(k)fluoranthene	0.640	0.0500	"	1.00		64.0	16-149				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
Chrysene	0.730	0.0500	"	1.00		73.0	33-120				
Dibenzo(a,h)anthracene	0.760	0.0500	"	1.00		76.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Di-n-butyl phthalate	ND	5.00	"				36-110				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
2,4-Dichlorophenol	ND	5.00	"				43-92				
Diethyl phthalate	ND	5.00	"				38-112				
2,4-Dimethylphenol	ND	5.00	"				25-92				
Dimethyl phthalate	ND	5.00	"				49-106				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Fluoranthene	0.620	0.0500	"	1.00		62.0	33-126				
Fluorene	0.640	0.0500	"	1.00		64.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.800	0.0500	"	1.00		80.0	10-150				
Isophorone	ND	5.00	"				29-115				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
3- & 4-Methylphenols	ND	5.00	"				10-101				
Naphthalene	0.540	0.0500	"	1.00		54.0	30-99				
4-Nitroaniline	ND	5.00	"				15-143				

Semivolatile Organic Compounds by GC/MS - 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 BD41452 - EPA 3510C											
LCS (BD41452-BS2)								Prepared: 04/29/2014 Analyzed: 04/30/2014			
3-Nitroaniline	ND	5.00	ug/L				29-128				
2-Nitroaniline	ND	5.00	"				31-122				
Nitrobenzene	ND	0.250	"				32-113				
4-Nitrophenol	ND	5.00	"				10-112				
2-Nitrophenol	ND	5.00	"				37-97				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.500	0.0500	"	1.00		50.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.670	0.0500	"	1.00		67.0	42-125				
Pyridine	ND	5.00	"				10-46				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
Surrogate: 2-Fluorophenol	*0.00*		*"*	*76.8*			*10-53*				
Surrogate: Phenol-d5	*0.00*		*"*	*75.2*			*10-39*				
Surrogate: Nitrobenzene-d5	*0.00*		*"*	*51.4*			*10-120*				
Surrogate: 2-Fluorobiphenyl	*0.00*		*"*	*50.0*			*10-108*				
Surrogate: 2,4,6-Tribromophenol	*0.00*		*"*	*77.8*			*10-150*				
Surrogate: Terphenyl-d14	*0.00*		*"*	*50.2*			*10-143*				

Organochlorine Pesticides by GC/ECD - 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 BD41497 - EPA SW846-3510C Low Level											
Blank (BD41497-BLK1)								Prepared & Analyzed: 04/30/2014			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Aldrin	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endrin	ND	0.00400	"								
gamma-BHC (Lindane)	ND	0.00400	"								
Heptachlor	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
Surrogate: Decachlorobiphenyl	*0.143*		*"*	*0.215*		*66.7*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0857*		*"*	*0.203*		*42.2*	*30-120*				
LCS (BD41497-BS1)								Prepared & Analyzed: 04/30/2014			
4,4'-DDD	0.0650	0.00400	ug/L	0.100		65.0	40-120				
4,4'-DDE	0.0568	0.00400	"	0.100		56.8	40-120				
4,4'-DDT	0.0781	0.00400	"	0.100		78.1	40-120				
Methoxychlor	0.0760	0.00400	"	0.100		76.0	40-120				
Aldrin	0.0430	0.00400	"	0.100		43.0	40-120				
Heptachlor epoxide	0.0538	0.00400	"	0.100		53.8	40-120				
alpha-BHC	0.0482	0.00400	"	0.100		48.2	40-120				
beta-BHC	0.0564	0.00400	"	0.100		56.4	40-120				
gamma-Chlordane	0.0508	0.0100	"	0.100		50.8	40-120				
delta-BHC	0.0418	0.00400	"	0.100		41.8	40-120				
Dieldrin	0.0574	0.00200	"	0.100		57.4	40-120				
Endosulfan I	0.0576	0.00400	"	0.100		57.6	40-120				
Endosulfan sulfate	0.0667	0.00400	"	0.100		66.7	40-120				
Endosulfan II	0.0616	0.00400	"	0.100		61.6	40-120				
Endrin	0.0604	0.00400	"	0.100		60.4	40-120				
gamma-BHC (Lindane)	0.0496	0.00400	"	0.100		49.6	40-120				
Heptachlor	0.0518	0.00400	"	0.100		51.8	40-120				
alpha-Chlordane	0.0506	0.00400	"	0.100		50.6	40-120				
Surrogate: Decachlorobiphenyl	*0.148*		*"*	*0.215*		*68.8*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0993*		*"*	*0.203*		*48.9*	*30-120*				

Organochlorine Pesticides by GC/ECD - 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 BD41497 - EPA SW846-3510C Low Level											
LCS Dup (BD41497-BSD1)							Prepared & Analyzed: 04/30/2014				
4,4'-DDD	0.0601	0.00400	ug/L	0.100		60.1	40-120		7.72	30	
4,4'-DDE	0.0546	0.00400	"	0.100		54.6	40-120		4.03	30	
4,4'-DDT	0.0713	0.00400	"	0.100		71.3	40-120		9.11	30	
Methoxychlor	0.0689	0.00400	"	0.100		68.9	40-120		9.85	30	
Aldrin	0.0417	0.00400	"	0.100		41.7	40-120		3.03	30	
Heptachlor epoxide	0.0474	0.00400	"	0.100		47.4	40-120		12.6	30	
alpha-BHC	0.0435	0.00400	"	0.100		43.5	40-120		10.2	30	
beta-BHC	0.0527	0.00400	"	0.100		52.7	40-120		6.79	30	
gamma-Chlordane	0.0457	0.0100	"	0.100		45.7	40-120		10.6	30	
delta-BHC	0.0405	0.00400	"	0.100		40.5	40-120		3.20	30	
Dieldrin	0.0513	0.00200	"	0.100		51.3	40-120		11.3	30	
Endosulfan I	0.0520	0.00400	"	0.100		52.0	40-120		10.2	30	
Endosulfan sulfate	0.0598	0.00400	"	0.100		59.8	40-120		10.9	30	
Endosulfan II	0.0559	0.00400	"	0.100		55.9	40-120		9.70	30	
Endrin	0.0556	0.00400	"	0.100		55.6	40-120		8.31	30	
gamma-BHC (Lindane)	0.0451	0.00400	"	0.100		45.1	40-120		9.49	30	
Heptachlor	0.0471	0.00400	"	0.100		47.1	40-120		9.50	30	
alpha-Chlordane	0.0456	0.00400	"	0.100		45.6	40-120		10.3	30	
Surrogate: Decachlorobiphenyl	*0.132*		*"*	*0.215*		*61.5*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.0873*		*"*	*0.203*		*43.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - 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 BD41497 - EPA SW846-3510C Low Level											
Blank (BD41497-BLK1)								Prepared & Analyzed: 04/30/2014			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0760*		*"*	*0.203*		*37.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.119*		*"*	*0.215*		*55.3*	*30-120*				
LCS (BD41497-BS2)								Prepared & Analyzed: 04/30/2014			
Aroclor 1016	0.748	0.0500	ug/L	1.00		74.8	40-120				
Aroclor 1260	0.877	0.0500	"	1.00		87.7	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0820*		*"*	*0.203*		*40.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.114*		*"*	*0.215*		*53.0*	*30-120*				
LCS Dup (BD41497-BSD2)								Prepared & Analyzed: 04/30/2014			
Aroclor 1016	0.814	0.0500	ug/L	1.00		81.4	40-120		8.37	30	
Aroclor 1260	0.962	0.0500	"	1.00		96.2	40-120		9.20	30	
Surrogate: Tetrachloro-m-xylene	*0.0950*		*"*	*0.203*		*46.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.129*		*"*	*0.215*		*60.0*	*30-120*				

Metals by ICP - 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 BD41555 - EPA 3010A											
Blank (BD41555-BLK1)								Prepared & Analyzed: 04/30/2014			
Aluminum - Dissolved	ND	0.010	mg/L								
Antimony - Dissolved	ND	0.005	"								
Arsenic - Dissolved	ND	0.004	"								
Barium - Dissolved	ND	0.010	"								
Beryllium - Dissolved	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Calcium - Dissolved	ND	0.050	"								
Chromium - Dissolved	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Copper - Dissolved	ND	0.003	"								
Iron - Dissolved	ND	0.020	"								
Lead - Dissolved	ND	0.003	"								
Magnesium - Dissolved	ND	0.050	"								
Manganese - Dissolved	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Potassium - Dissolved	ND	0.050	"								
Selenium - Dissolved	ND	0.010	"								
Silver - Dissolved	ND	0.005	"								
Sodium - Dissolved	ND	0.100	"								
Thallium - Dissolved	ND	0.005	"								
Vanadium - Dissolved	ND	0.010	"								
Zinc - Dissolved	ND	0.010	"								
Reference (BD41555-SRM1)								Prepared & Analyzed: 04/30/2014			
Aluminum - Dissolved	3.01	0.010	mg/L	3.16		95.2	82.9-116				
Antimony - Dissolved	0.633	0.005	"	0.687		92.2	70.6-120				
Arsenic - Dissolved	0.212	0.004	"	0.243		87.4	82.7-118				
Barium - Dissolved	1.97	0.010	"	1.99		99.0	86.9-113				
Beryllium - Dissolved	0.447	0.001	"	0.487		91.8	85-113				
Cadmium - Dissolved	0.183	0.003	"	0.198		92.5	84.8-114				
Chromium - Dissolved	0.727	0.005	"	0.780		93.1	87.2-113				
Cobalt - Dissolved	0.198	0.005	"	0.198		100	87.4-113				
Copper - Dissolved	0.160	0.003	"	0.170		94.4	89.4-111				
Iron - Dissolved	0.350	0.020	"	0.322		109	87.3-115				
Lead - Dissolved	0.207	0.003	"	0.213		97.1	85-115				
Manganese - Dissolved	1.61	0.005	"	1.64		98.2	89.6-111				
Nickel - Dissolved	1.44	0.005	"	1.58		91.3	89.9-111				
Selenium - Dissolved	1.13	0.010	"	1.28		88.6	79.6-116				
Silver - Dissolved	0.444	0.005	"	0.477		93.2	85.7-114				
Thallium - Dissolved	0.387	0.005	"	0.409		94.7	79-121				
Vanadium - Dissolved	0.456	0.010	"	0.502		90.9	87.5-112				
Zinc - Dissolved	1.29	0.010	"	1.40		92.1	85.7-114				

Metals by ICP - 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 BD41555 - EPA 3010A											
Reference (BD41555-SRM2)								Prepared & Analyzed: 04/30/2014			
Calcium - Dissolved	65.5	0.050	mg/L	62.7		105	86-114				
Magnesium - Dissolved	29.6	0.050	"	29.0		102	86.2-114				
Potassium - Dissolved	36.1	0.050	"	32.4		111	85.2-115				
Sodium - Dissolved	91.5	0.100	"	85.1		108	85-115				
Batch BD41557 - EPA 3010A											
Blank (BD41557-BLK1)								Prepared & Analyzed: 04/30/2014			
Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
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	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								

Metals by ICP - 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 BD41557 - EPA 3010A											
Reference (BD41557-SRM1)							Prepared & Analyzed: 04/30/2014				
Aluminum	3.06	0.010	mg/L	3.16		96.7	82.9-116				
Antimony	0.631	0.005	"	0.687		91.8	70.6-120				
Arsenic	0.211	0.004	"	0.243		86.6	82.7-118				
Barium	1.95	0.010	"	1.99		98.0	86.9-113				
Beryllium	0.451	0.001	"	0.487		92.5	85-113				
Cadmium	0.182	0.003	"	0.198		91.8	84.8-114				
Chromium	0.718	0.005	"	0.780		92.0	87.2-113				
Cobalt	0.198	0.005	"	0.198		100	87.4-113				
Copper	0.158	0.003	"	0.170		92.7	89.4-111				
Iron	0.347	0.020	"	0.322		108	87.3-115				
Lead	0.205	0.003	"	0.213		96.3	85-115				
Manganese	1.62	0.005	"	1.64		98.7	89.6-111				
Nickel	1.43	0.005	"	1.58		90.2	89.9-111				
Selenium	1.13	0.010	"	1.28		87.9	79.6-116				
Silver	0.441	0.005	"	0.477		92.5	85.7-114				
Thallium	0.380	0.005	"	0.409		92.8	79-121				
Vanadium	0.451	0.010	"	0.502		89.9	87.5-112				
Zinc	1.28	0.010	"	1.40		91.4	85.7-114				
Reference (BD41557-SRM2)							Prepared & Analyzed: 04/30/2014				
Calcium	65.9	0.050	mg/L	62.7		105	86-114				
Magnesium	29.7	0.050	"	29.0		102	86.2-114				
Potassium	36.8	0.050	"	32.4		113	85.2-115				
Sodium	92.3	0.100	"	85.1		108	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41578 - EPA SW846-7470											
Blank (BD41578-BLK1)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
Mercury	ND	0.0002	mg/L								
Mercury - Dissolved	ND	0.0002000	"								
Blank (BD41578-BLK2)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
Mercury	ND	0.0002	mg/L								
Mercury - Dissolved	ND	0.0002000	"								
LCS (BD41578-BS1)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
Mercury - Dissolved	0.002091	0.0002000	mg/L	0.00200		105	80-120				
Mercury	0.002091	0.0002	"	0.00200		105	80-120				
LCS (BD41578-BS2)								Prepared: 04/30/2014 Analyzed: 05/01/2014			
Mercury - Dissolved	0.002122	0.0002000	mg/L	0.00200		106	80-120				
Mercury	0.002122	0.0002	"	0.00200		106	80-120				

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 BD41403 - Analysis Preparation											
Blank (BD41403-BLK1)								Prepared & Analyzed: 04/28/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BD41403-BS1)								Prepared & Analyzed: 04/28/2014			
Chromium, Hexavalent	0.500	0.0100	mg/L	0.500		100	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14D1104-01	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1104-02	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1104-03	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1104-04	MW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1104-05	MW-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1104-06	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-07	The recovery of this surrogate was outside of RCP limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Corrective Action: Hexavalent chromium samples received outside of holding time. A revised COC was received from the client on 5/2/14 revising the ID of MW-1 to MW-5.

Revision Description: This report has been revised to modify the client sample IDs, per client request 05/02/14.

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.

York Project No. 14D1104

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Hydrotech	Company: S	Company: S	120 Union Ave Brooklyn, NY	RUSH - Same Day ☐	Summary Report X
Address: 15 Ocean Ave Brooklyn, NY	Address: A	Address: A	Purchase Order No. 5040	RUSH - Next Day ☐	Summary w/ QA Summary X
Phone No. 718-636-0800	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Paul	Attention: N E	Attention: M E		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: Matt@hydrotechcorp.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard (5-7 Days) X	NY ASP B Package
					NJDEP Red. Deliv.

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.

Silvestre Castillo
Samples Collected/Authorized By (Signature)

Silvestre Castillo
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Pesticides/Herbs	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-5 (amber frosted soil)	4/23/14 10AM	GW	8260, 8270BNA, 8081, 8082, TAL Metals (Incl. chromium Hex) + Dissolved Metals	3 vial, 3 amb, 2 (250ml)
MW-6	10:20am			
MW-7	11:AM			
MW-8	11:30am			
MW-9	1 PM			
Field Blank	1:30pm	DI		

Comments
Apply E-designation prior to billing
Part 375 Unrs & Restric Residential

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C____ Frozen____ HCl____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time 4/28/14 1215 pm
Samples Relinquished By — Date/Time
Samples Received By — K Becker 4/28/14 1215 pm Date/Time
Samples Received in LAB by — E. Schreck 4/28/14 1440 Date/Time

Temperature on Receipt 5.0°C

Page 76 of 76

APPENDIX-J
LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

Technical Report

prepared for:

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

Report Date: 04/28/2014
Client Project ID: 140078 120 Union Avenue Brooklyn, NY
York Project (SDG) No.: 14D0890

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

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

Report Date: 04/28/2014
Client Project ID: 140078 120 Union Avenue Brooklyn, NY
York Project (SDG) No.: 14D0890

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2014 and listed below. The project was identified as your project: **140078 120 Union Avenue 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
14D0890-01	SV-1/Y02	Soil Vapor	04/21/2014	04/22/2014
14D0890-02	SV-2/Y43	Soil Vapor	04/21/2014	04/22/2014
14D0890-03	SV-3/P25	Soil Vapor	04/21/2014	04/22/2014
14D0890-04	SV-4/15525	Soil Vapor	04/21/2014	04/22/2014
14D0890-05	SV-5/Y67	Soil Vapor	04/21/2014	04/22/2014
14D0890-06	AO-1/15613	Outdoor Ambient Air	04/21/2014	04/22/2014

General Notes for York Project (SDG) No.: 14D0890

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: 04/28/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1/Y02** **York Sample ID:** **14D0890-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.29	0.29	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.40	0.40	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.15	0.15	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.52	0.52	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.45	0.45	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
108-88-3	**Toluene**	**50**		ug/m³	0.43	0.43	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
109-99-9	*** Tetrahydrofuran**	**3.2**		ug/m³	0.34	0.34	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
127-18-4	**Tetrachloroethylene**	**3.3**		ug/m³	0.77	0.77	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
100-42-5	Styrene	ND		ug/m³	0.49	0.49	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
115-07-1	* Propylene	ND		ug/m³	0.20	0.20	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
622-96-8	*** p-Ethyltoluene**	**80**		ug/m³	0.56	0.56	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
179601-23-1	**p- & m- Xylenes**	**91**		ug/m³	0.99	0.99	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
95-47-6	**o-Xylene**	**40**		ug/m³	0.49	0.49	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
110-54-3	**n-Hexane**	**3.3**		ug/m³	0.40	0.40	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
142-82-5	**n-Heptane**	**6.5**		ug/m³	0.47	0.47	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-09-2	Methylene chloride	ND		ug/m³	0.79	0.79	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.45**		ug/m³	0.41	0.41	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.47	0.47	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
67-63-0	**Isopropanol**	**3.4**		ug/m³	0.56	0.56	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.2	1.2	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	0.49	0.49	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.82	0.82	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
110-82-7	**Cyclohexane**	**0.74**		ug/m³	0.39	0.39	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.52	0.52	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.45	0.45	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
74-87-3	Chloromethane	ND		ug/m³	0.24	0.24	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
67-66-3	Chloroform	ND		ug/m³	0.56	0.56	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-00-3	Chloroethane	ND		ug/m³	0.30	0.30	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.18	0.18	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-15-0	**Carbon disulfide**	**1.0**		ug/m³	0.35	0.35	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
74-83-9	Bromomethane	ND		ug/m³	0.44	0.44	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-25-2	Bromoform	ND		ug/m³	1.2	1.2	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.71	0.71	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.59	0.59	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
71-43-2	**Benzene**	**8.4**		ug/m³	0.36	0.36	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
67-64-1	**Acetone**	**24**	B	ug/m³	0.27	0.27	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD

Sample Information

Client Sample ID: **SV-1/Y02** **York Sample ID:** **14D0890-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.93	0.93	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
78-93-3	**2-Butanone**	**3.4**		ug/m³	0.34	0.34	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.41	0.41	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.68	0.68	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.68	0.68	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.49	0.49	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**23**		ug/m³	0.56	0.56	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.80	0.80	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.53	0.53	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.46	0.46	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.68	0.68	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**110**		ug/m³	0.56	0.56	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.85	0.85	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.45	0.45	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.46	0.46	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.64	0.64	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.62	0.62	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.87	0.87	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.78	0.78	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.62	0.62	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.56	0.56	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.88	0.88	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.91	0.91	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.47	0.47	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.52	0.52	1.12	EPA TO-15	04/24/2014 08:01	04/24/2014 19:37	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.3 %*	*72-118*

Sample Information

Client Sample ID: **SV-2/Y43** **York Sample ID:** **14D0890-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Information

Client Sample ID: **SV-2/Y43** **York Sample ID:** **14D0890-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.14	0.14	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
108-88-3	**Toluene**	**28**		ug/m³	0.38	0.38	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
109-99-9	*** Tetrahydrofuran**	**1.5**		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
127-18-4	**Tetrachloroethylene**	**2.0**		ug/m³	0.69	0.69	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
100-42-5	**Styrene**	**1.5**		ug/m³	0.43	0.43	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
115-07-1	* Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
622-96-8	*** p-Ethyltoluene**	**71**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
179601-23-1	**p- & m- Xylenes**	**58**		ug/m³	0.88	0.88	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
95-47-6	**o-Xylene**	**26**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
110-54-3	**n-Hexane**	**1.4**		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
142-82-5	**n-Heptane**	**2.4**		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-09-2	Methylene chloride	ND		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
67-63-0	**Isopropanol**	**9.9**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
100-41-4	**Ethyl Benzene**	**11**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.73	0.73	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
67-66-3	**Chloroform**	**0.89**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-15-0	**Carbon disulfide**	**1.4**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
71-43-2	**Benzene**	**0.65**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
67-64-1	**Acetone**	**530**	B	ug/m³	8.1	8.1	33.6	EPA TO-15	04/24/2014 12:05	04/25/2014 19:00	ALD
591-78-6	*** 2-Hexanone**	**7.8**		ug/m³	0.83	0.83	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
78-93-3	**2-Butanone**	**22**		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD

Sample Information

Client Sample ID: **SV-2/Y43** **York Sample ID:** **14D0890-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**22**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**100**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.57	0.57	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
75-71-8	**Dichlorodifluoromethane**	**1.6**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 12:05	04/24/2014 20:38	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.4 %*	*72-118*

Sample Information

Client Sample ID: **SV-3/P25** **York Sample ID:** **14D0890-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD

Sample Information

Client Sample ID: **SV-3/P25** **York Sample ID:** **14D0890-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.14	0.14	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
108-88-3	**Toluene**	**57**		ug/m³	0.38	0.38	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
127-18-4	**Tetrachloroethylene**	**26**		ug/m³	0.69	0.69	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
115-07-1	* Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
622-96-8	*** p-Ethyltoluene**	**90**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
179601-23-1	**p- & m- Xylenes**	**99**		ug/m³	0.88	0.88	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
95-47-6	**o-Xylene**	**43**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
110-54-3	**n-Hexane**	**6.1**		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
142-82-5	**n-Heptane**	**9.7**		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-09-2	**Methylene chloride**	**0.71**		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
67-63-0	**Isopropanol**	**14**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
100-41-4	**Ethyl Benzene**	**24**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.73	0.73	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
110-82-7	**Cyclohexane**	**1.5**		ug/m³	0.35	0.35	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-15-0	**Carbon disulfide**	**16**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
71-43-2	**Benzene**	**3.8**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
67-64-1	**Acetone**	**740**	B	ug/m³	9.0	9.0	37.34	EPA TO-15	04/24/2014 12:05	04/25/2014 19:50	ALD
591-78-6	*** 2-Hexanone**	**13**		ug/m³	0.83	0.83	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
78-93-3	**2-Butanone**	**26**		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD

Sample Information

Client Sample ID: SV-3/P25 **York Sample ID:** 14D0890-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**26**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**110**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.8**		ug/m³	0.57	0.57	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.78**		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 12:05	04/24/2014 21:41	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.3 %*	*72-118*

Sample Information

Client Sample ID: SV-4/15525 **York Sample ID:** 14D0890-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SV-4/15525 **York Sample ID:** 14D0890-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.34	0.34	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.47	0.47	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.18	0.18	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.60	0.60	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.53	0.53	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
108-88-3	**Toluene**	**86**		ug/m³	0.50	0.50	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.39	0.39	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
127-18-4	**Tetrachloroethylene**	**13**		ug/m³	0.90	0.90	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
100-42-5	Styrene	ND		ug/m³	0.57	0.57	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
115-07-1	* Propylene	ND		ug/m³	0.23	0.23	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
622-96-8	*** p-Ethyltoluene**	**110**		ug/m³	0.65	0.65	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
179601-23-1	**p- & m- Xylenes**	**130**		ug/m³	1.2	1.2	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
95-47-6	**o-Xylene**	**60**		ug/m³	0.58	0.58	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
110-54-3	**n-Hexane**	**4.9**		ug/m³	0.47	0.47	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
142-82-5	**n-Heptane**	**9.7**		ug/m³	0.55	0.55	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-09-2	Methylene chloride	ND		ug/m³	0.93	0.93	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.48	0.48	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.55	0.55	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
67-63-0	**Isopropanol**	**3.8**		ug/m³	0.65	0.65	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.4	1.4	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
100-41-4	**Ethyl Benzene**	**32**		ug/m³	0.58	0.58	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.96	0.96	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
110-82-7	**Cyclohexane**	**1.3**		ug/m³	0.46	0.46	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.60	0.60	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.53	0.53	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
74-87-3	Chloromethane	ND		ug/m³	0.28	0.28	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
67-66-3	Chloroform	ND		ug/m³	0.65	0.65	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-00-3	Chloroethane	ND		ug/m³	0.35	0.35	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.21	0.21	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.41	0.41	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
74-83-9	Bromomethane	ND		ug/m³	0.52	0.52	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-25-2	Bromoform	ND		ug/m³	1.4	1.4	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.83	0.83	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.69	0.69	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
71-43-2	**Benzene**	**3.1**		ug/m³	0.43	0.43	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
67-64-1	**Acetone**	**46**	B	ug/m³	0.32	0.32	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
591-78-6	*** 2-Hexanone**	**2.6**		ug/m³	1.1	1.1	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD

Sample Information

Client Sample ID: **SV-4/15525** **York Sample ID:** **14D0890-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**4.4**		ug/m³	0.39	0.39	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.48	0.48	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.80	0.80	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.80	0.80	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.58	0.58	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**31**		ug/m³	0.65	0.65	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.93	0.93	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.62	0.62	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.54	0.54	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.80	0.80	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**130**		ug/m³	0.65	0.65	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.99	0.99	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.53	0.53	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.54	0.54	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.75	0.75	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.73	0.73	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.0	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.91	0.91	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.73	0.73	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
75-71-8	**Dichlorodifluoromethane**	**1.6**		ug/m³	0.66	0.66	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.0	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.1	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.54	0.54	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.61	0.61	1.31	EPA TO-15	04/24/2014 08:01	04/24/2014 22:44	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.6 %*	*72-118*

Sample Information

Client Sample ID: **SV-5/Y67** **York Sample ID:** **14D0890-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Information

Client Sample ID: **SV-5/Y67** **York Sample ID:** **14D0890-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.14	0.14	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
108-88-3	**Toluene**	**87**		ug/m³	0.38	0.38	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
109-99-9	*** Tetrahydrofuran**	**33**		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
127-18-4	**Tetrachloroethylene**	**12**		ug/m³	0.69	0.69	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
115-07-1	* Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
622-96-8	*** p-Ethyltoluene**	**95**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
179601-23-1	**p- & m- Xylenes**	**130**		ug/m³	7.8	7.8	8.84	EPA TO-15	04/24/2014 12:05	04/25/2014 20:40	ALD
95-47-6	**o-Xylene**	**55**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
110-54-3	**n-Hexane**	**18**		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
142-82-5	**n-Heptane**	**13**		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-09-2	**Methylene chloride**	**6.9**		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
67-63-0	**Isopropanol**	**25**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
100-41-4	**Ethyl Benzene**	**32**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
141-78-6	*** Ethyl acetate**	**0.77**		ug/m³	0.73	0.73	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
110-82-7	**Cyclohexane**	**2.9**		ug/m³	0.35	0.35	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
67-66-3	**Chloroform**	**1.0**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-15-0	**Carbon disulfide**	**0.98**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
71-43-2	**Benzene**	**6.5**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
67-64-1	**Acetone**	**120**	B	ug/m³	2.1	2.1	8.84	EPA TO-15	04/24/2014 12:05	04/25/2014 20:40	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	0.83	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
78-93-3	**2-Butanone**	**9.7**		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD

Sample Information

Client Sample ID: **SV-5/Y67** **York Sample ID:** **14D0890-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Soil Vapor	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**26**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**100**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.9**		ug/m³	0.57	0.57	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 12:05	04/24/2014 23:46	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.9 %*	*72-118*

Sample Information

Client Sample ID: **AO-1/15613** **York Sample ID:** **14D0890-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Outdoor Ambient Air	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD

Sample Information

Client Sample ID: **AO-1/15613** **York Sample ID:** **14D0890-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Outdoor Ambient Air	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.14	0.14	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
108-88-3	**Toluene**	**29**		ug/m³	0.38	0.38	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
127-18-4	**Tetrachloroethylene**	**1.6**		ug/m³	0.69	0.69	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
115-07-1	* Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
622-96-8	*** p-Ethyltoluene**	**2.3**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
179601-23-1	**p- & m- Xylenes**	**9.1**		ug/m³	0.88	0.88	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
95-47-6	**o-Xylene**	**3.4**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
110-54-3	**n-Hexane**	**1.8**		ug/m³	0.36	0.36	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
142-82-5	**n-Heptane**	**2.8**		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-09-2	**Methylene chloride**	**1.5**		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
67-63-0	**Isopropanol**	**4.8**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
100-41-4	**Ethyl Benzene**	**2.5**		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
141-78-6	*** Ethyl acetate**	**1.3**		ug/m³	0.73	0.73	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
110-82-7	**Cyclohexane**	**0.53**		ug/m³	0.35	0.35	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.21	0.21	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
71-43-2	**Benzene**	**1.8**		ug/m³	0.32	0.32	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
67-64-1	**Acetone**	**38**	B	ug/m³	0.24	0.24	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	0.83	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
78-93-3	**2-Butanone**	**3.9**		ug/m³	0.30	0.30	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD

Sample Information

Client Sample ID: **AO-1/15613** **York Sample ID:** **14D0890-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D0890	140078 120 Union Avenue Brooklyn, NY	Outdoor Ambient Air	April 21, 2014 3:00 pm	04/22/2014

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**0.65**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**2.4**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.6**		ug/m³	0.57	0.57	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.50	0.50	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	04/24/2014 08:01	04/24/2014 14:26	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.8 %*	*72-118*

Analytical Batch Summary

Batch ID: BD41184 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14D0890-01	SV-1/Y02	04/24/14
14D0890-04	SV-4/15525	04/24/14
14D0890-06	AO-1/15613	04/24/14
BD41184-BLK1	Blank	04/24/14
BD41184-BS1	LCS	04/24/14

Batch ID: BD41278 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14D0890-02	SV-2/Y43	04/24/14
14D0890-03	SV-3/P25	04/24/14
14D0890-05	SV-5/Y67	04/24/14
BD41278-BLK1	Blank	04/25/14
BD41278-BS1	LCS	04/25/14

Volatile Organic Compounds in Air by GC/MS - 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 BD41184 - EPA TO15 PREP											
Blank (BD41184-BLK1)								Prepared & Analyzed: 04/24/2014			
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.14	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	0.50	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.71	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.50	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.73	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	0.29	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - 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 BD41184 - EPA TO15 PREP											
Blank (BD41184-BLK1)							Prepared & Analyzed: 04/24/2014				
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*9.25*		*ppbv*	*10.6*		*87.3*	*72-118*				
LCS (BD41184-BS1)							Prepared & Analyzed: 04/24/2014				
Vinyl Chloride	9.63		ppbv	10.2		94.4	61-115				
Vinyl acetate	10.9		"	10.8		101	61-141				
Trichloroethylene	10.2		"	9.90		103	72-125				
trans-1,3-Dichloropropylene	12.7		"	10.9		117	78-134				
trans-1,2-Dichloroethylene	9.86		"	9.70		102	69-116				
Toluene	10.8		"	10.4		104	71-128				
Tetrahydrofuran	10.3		"	9.20		112	79-132				
Tetrachloroethylene	11.2		"	10.0		112	72-124				
Styrene	12.3		"	10.3		120	80-137				
Propylene	10.4		"	10.4		99.6	67-106				
p-Ethyltoluene	11.4		"	10.1		113	73-143				
p- & m- Xylenes	20.8		"	20.2		103	68-129				
o-Xylene	11.5		"	10.5		109	69-124				
n-Hexane	10.4		"	10.0		104	69-119				
n-Heptane	10.5		"	10.3		102	69-115				
Methylene chloride	9.08		"	9.90		91.7	66-95				
Methyl tert-butyl ether (MTBE)	10.6		"	9.80		108	72-140				
4-Methyl-2-pentanone	10.7		"	9.20		116	49-174				
Isopropanol	11.5		"	12.0		96.0	48-166				
Hexachlorobutadiene	12.4		"	9.90		125	69-152				
Ethyl Benzene	11.2		"	10.3		108	68-129				
Ethyl acetate	9.33		"	8.50		110	71-135				
Cyclohexane	10.6		"	10.1		105	70-118				
cis-1,3-Dichloropropylene	11.5		"	10.5		109	74-132				
cis-1,2-Dichloroethylene	10.4		"	10.3		101	67-121				
Chloromethane	9.40		"	10.1		93.1	60-105				
Chloroform	10.6		"	10.1		105	71-118				
Chloroethane	10.1		"	9.90		102	63-108				
Carbon tetrachloride	11.3		"	10.2		111	67-119				
Carbon disulfide	10.5		"	10.5		99.6	59-119				
Bromomethane	10.3		"	9.90		104	60-108				
Bromoform	12.8		"	10.1		127	77-127				
Bromodichloromethane	11.5		"	9.90		116	68-128				
Benzyl chloride	12.9		"	10.2		126	57-170				
Benzene	10.3		"	10.2		101	64-121				
Acetone	9.60		"	9.80		98.0	71-117				
2-Hexanone	12.0		"	9.30		128	10-242				
2-Butanone	10.7		"	9.40		114	82-143				
1,4-Dioxane	11.6		"	9.90		117	55-198				

Volatile Organic Compounds in Air by GC/MS - 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 BD41184 - EPA TO15 PREP											
LCS (BD41184-BS1)							Prepared & Analyzed: 04/24/2014				
1,4-Dichlorobenzene	11.9		ppbv	10.2		117	73-128				
1,3-Dichlorobenzene	11.8		"	10.2		115	73-130				
1,3-Butadiene	9.67		"	10.1		95.7	65-112				
1,3,5-Trimethylbenzene	11.5		"	10.2		113	65-139				
1,2-Dichlorotetrafluoroethane	10.4		"	10.2		102	52-117				
1,2-Dichloropropane	10.5		"	10.3		102	66-122				
1,2-Dichloroethane	10.6		"	10.1		105	72-113				
1,2-Dichlorobenzene	11.6		"	10.1		115	69-130				
1,2,4-Trimethylbenzene	11.6		"	10.2		114	67-144				
1,2,4-Trichlorobenzene	12.2		"	9.60		127	67-168				
1,1-Dichloroethylene	10.1		"	10.0		101	72-110				
1,1-Dichloroethane	10.3		"	10.0		103	70-114				
Trichlorofluoromethane (Freon 11)	11.1		"	10.5		106	67-105	High Bias			
1,1,2-Trichloroethane	11.0		"	10.3		106	73-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	9.70		105	68-118				
1,1,2,2-Tetrachloroethane	11.1		"	10.5		105	68-126				
1,1,1-Trichloroethane	10.6		"	9.90		107	71-119				
Dichlorodifluoromethane	8.81		"	10.0		88.1	70-130				
1,2-Dibromoethane	11.7		"	10.3		114	79-129				
Dibromochloromethane	13.0		"	10.3		127	78-123	High Bias			
Methyl Methacrylate	10.6		"	9.50		112	51-138				
Chlorobenzene	11.0		"	10.4		105	71-117				
Surrogate: p-Bromofluorobenzene	*9.56*		*"*	*10.6*		*90.2*	*72-118*				
Batch BD41278 - EPA TO15 PREP											
Blank (BD41278-BLK1)							Prepared & Analyzed: 04/25/2014				
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.14	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	0.50	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.71	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.50	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.73	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								

Volatile Organic Compounds in Air by GC/MS - 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 BD41278 - EPA TO15 PREP											
Blank (BD41278-BLK1)								Prepared & Analyzed: 04/25/2014			
Chloromethane	ND	0.21	ug/m³								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	0.34	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								
Trichlorofluoromethane (Freon 11)	ND	0.57	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.87*		*ppbv*	*10.6*		*83.7*	*72-118*				

Volatile Organic Compounds in Air by GC/MS - 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 BD41278 - EPA TO15 PREP											
LCS (BD41278-BS1)							Prepared & Analyzed: 04/25/2014				
Vinyl Chloride	8.98		ppbv	10.2		88.0	61-115				
Vinyl acetate	9.34		"	10.8		86.5	61-141				
Trichloroethylene	8.70		"	9.90		87.9	72-125				
trans-1,3-Dichloropropylene	10.8		"	10.9		99.2	78-134				
trans-1,2-Dichloroethylene	8.48		"	9.70		87.4	69-116				
Toluene	9.26		"	10.4		89.0	71-128				
Tetrahydrofuran	8.78		"	9.20		95.4	79-132				
Tetrachloroethylene	9.55		"	10.0		95.5	72-124				
Styrene	10.3		"	10.3		100	80-137				
Propylene	8.67		"	10.4		83.4	67-106				
p-Ethyltoluene	9.62		"	10.1		95.2	73-143				
p- & m- Xylenes	17.5		"	20.2		86.8	68-129				
o-Xylene	9.66		"	10.5		92.0	69-124				
n-Hexane	8.98		"	10.0		89.8	69-119				
n-Heptane	8.88		"	10.3		86.2	69-115				
Methylene chloride	7.72		"	9.90		78.0	66-95				
Methyl tert-butyl ether (MTBE)	9.12		"	9.80		93.1	72-140				
4-Methyl-2-pentanone	8.91		"	9.20		96.8	49-174				
Isopropanol	9.40		"	12.0		78.3	48-166				
Hexachlorobutadiene	10.4		"	9.90		105	69-152				
Ethyl Benzene	9.42		"	10.3		91.5	68-129				
Ethyl acetate	7.96		"	8.50		93.6	71-135				
Cyclohexane	8.98		"	10.1		88.9	70-118				
cis-1,3-Dichloropropylene	9.72		"	10.5		92.6	74-132				
cis-1,2-Dichloroethylene	8.92		"	10.3		86.6	67-121				
Chloromethane	8.63		"	10.1		85.4	60-105				
Chloroform	9.04		"	10.1		89.5	71-118				
Chloroethane	8.51		"	9.90		86.0	63-108				
Carbon tetrachloride	9.68		"	10.2		94.9	67-119				
Carbon disulfide	8.98		"	10.5		85.5	59-119				
Bromomethane	8.77		"	9.90		88.6	60-108				
Bromoform	10.8		"	10.1		107	77-127				
Bromodichloromethane	9.78		"	9.90		98.8	68-128				
Benzyl chloride	10.7		"	10.2		105	57-170				
Benzene	8.76		"	10.2		85.9	64-121				
Acetone	8.12		"	9.80		82.9	71-117				
2-Hexanone	10.0		"	9.30		108	10-242				
2-Butanone	9.00		"	9.40		95.7	82-143				
1,4-Dioxane	9.60		"	9.90		97.0	55-198				
1,4-Dichlorobenzene	10.0		"	10.2		98.0	73-128				
1,3-Dichlorobenzene	9.90		"	10.2		97.1	73-130				
1,3-Butadiene	9.04		"	10.1		89.5	65-112				
1,3,5-Trimethylbenzene	9.60		"	10.2		94.1	65-139				
1,2-Dichlorotetrafluoroethane	9.01		"	10.2		88.3	52-117				
1,2-Dichloropropane	8.86		"	10.3		86.0	66-122				
1,2-Dichloroethane	9.08		"	10.1		89.9	72-113				
1,2-Dichlorobenzene	9.76		"	10.1		96.6	69-130				
1,2,4-Trimethylbenzene	9.78		"	10.2		95.9	67-144				
1,2,4-Trichlorobenzene	10.2		"	9.60		106	67-168				
1,1-Dichloroethylene	8.65		"	10.0		86.5	72-110				
1,1-Dichloroethane	8.90		"	10.0		89.0	70-114				

Volatile Organic Compounds in Air by GC/MS - 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 BD41278 - EPA TO15 PREP											
LCS (BD41278-BS1)							Prepared & Analyzed: 04/25/2014				
Trichlorofluoromethane (Freon 11)	9.55		ppbv	10.5		91.0	67-105				
1,1,2-Trichloroethane	9.39		"	10.3		91.2	73-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.72		"	9.70		89.9	68-118				
1,1,2,2-Tetrachloroethane	9.29		"	10.5		88.5	68-126				
1,1,1-Trichloroethane	9.13		"	9.90		92.2	71-119				
Dichlorodifluoromethane	7.36		"	10.0		73.6	70-130				
1,2-Dibromoethane	9.98		"	10.3		96.9	79-129				
Dibromochloromethane	11.2		"	10.3		108	78-123				
Methyl Methacrylate	8.96		"	9.50		94.3	51-138				
Chlorobenzene	9.35		"	10.4		89.9	71-117				
Surrogate: p-Bromofluorobenzene	*9.44*		*"*	*10.6*		*89.1*	*72-118*				

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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

Field Chain-of-Custody Record - AIR

Page 1 of 1

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

York Project No. 14D0890

YOUR Information
Company: Hydro tech Env. Inc
Address: 5 Ocean Ave
Brooklyn NY
Phone No. 718 636 0800
Contact Person: Paul Mathew
E-Mail Address: Paul@hydrotechenv.com

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

Invoice To:
Company: Muslin
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
140078
120 Union Ave
Brooklyn NY

Purchase Order No.
5043

Samples from: CT___ NY___ NJ___

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

Report Type/Deliverables
Summary Report ✓
Summary w/ QA Summary ✓
CT RCP Package
NY ASP A Package
NY ASP B/CLP Pkg
NJDEP Reduced
Electronic Deliverables:
EDD (Specify Type) ✓
Standard Excel
Regulatory Comparison Excel

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

Sylvia Gold
Samples Collected/Authorized By (Signature)
Paul Mathew
Name (printed)

Air Matrix Codes
AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
EPA TO-15 List
EPA TO-14A List
NYSDEC VI list
Tentatively Identified Compounds
NYSDEC STARS List
Air VPH
Project Specific List by TO-15
Helium
NJDEP Target List
Methane
CTDEP RCP Target List
OTHER

Detection Limits Required
≤ 1 ug/m³
NYSDEC VI Limits (VI = vapor intrusion)
NJDEP low level
Routine Survey
Other 0.5 ug/m³

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1/402	4/21/14	AS	-30	-10	EPA TO-15	6 Liter Summa canister ___ Tedlar Bag 2hr
SV-2/443	✓	✓	-30	0	✓	6 Liter Summa canister ___ Tedlar Bag ✓
SV-3/825	✓	✓	-30	-3	✓	6 Liter Summa canister ✓ Tedlar Bag ___
SV-4/15525	✓	✓	-30	-10	✓	6 Liter Summa canister ✓ Tedlar Bag ___
SV-5/467	✓	✓	-27	-3	✓	6 Liter Summa canister ✓ Tedlar Bag ___
AO-1/15613	✓	AO	-30	0	✓	6 Liter Summa canister ✓ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments
120 Union Ave

Samples Relinquished By — Date/Time 4/22/14
Samples Relinquished By — Date/Time

Samples Received By — Date/Time
P Grace 4-22-14 1830
Samples Received in LAB by — Date/Time