37-10 CRESCENT STREET

QUEENS, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Site Number: 15EHAZ057Q

Prepared for:

37-10 Crescent Street Owner, LLC

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

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

CERTIFICATION

I, William Silveri, 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 37-10 Crescent Street Site, (OER Project Number 15EHAZ057Q, NYC VCP Site No. TBD). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

William E. Silveri 12/11/14

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 37-10 Crescent Street in the Long Island City section of Queens, New York and is identified as Block 367 and Lot 27 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 18,300-square feet and is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and a 7-story commercial buildings to the east, and a machine shop and commercial facility to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking and offices for a limousine company and contains a single story warehouse occupying the entire site footprint. The existing on-Site building does not have a basement.

Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 7-story residential and manufacturing mixed use building with a full basement. The first floor will consist of manufacturing space. Floors 2 through 6 will consist of residential apartments with a community space on the 7th floor. The proposed basement will be utilized as a parking garage, mechanical room and boiler room. The foundations of the building are to be determined upon the completion of geotechnical investigation. The new building footprint will cover the entire Site. For the construction of the new basement, the proposed development of the Site will require excavation to a depth of approximately 10-11 feet below grade surface (bgs). Therefore, an estimated 7,350 cubic yards (11,000 tons) of soil will be removed for excavation of the new building's basement. Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-2/R6A denoting it as mixed use manufacturing and residential. 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 Phase I Environmental Site Assessment (ESA) Report prepared by Athenica in April 2014, a Site history was established. The Site consists of an 18,300 square-foot lot that is developed with a 1-story warehouse fronting Crescent Street. The Site was listed as a bowling alley in the current structure from its build date, circa 1958 until approximately 1970. From 1970 until at least 2006 the Site was designated as a manufacturing facility occupied by Continental Gourmet Company and Holfia Company Inc until 1991. In 1991, the Site was listed as occupied by L&H Vitamins Inc. and in 2005 by Commonwealth Worldwide. The current occupants, a limousine company, are listed at the Site since 2013.

The AOCs identified for this site include:

1. Presence of urban fill from grade to approximately 2 to 4 feet bgs throughout the Site.

Figure 4 shows the AOC diagram.

Summary of the Work Performed under the Remedial Investigation

The scope of work implemented in August of 2014 by Athenica included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight (8) soil borings across the entire project Site, and collected seventeen (17) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed five (5) soil vapor probes across the entire project Site and collected five (5) samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 35 to 37 feet.
2. Depth to groundwater ranges from 28.71 to 29.61 feet bgs at the Site.

3. Groundwater flow is generally west to southwest beneath the Site.

4. Bedrock was not encountered during this investigation.

5. The stratigraphy of the site, from the surface, consists of approximately 2 to 4 feet of historic fill underlain by 8 to10 feet of fine to coarse sand with pebbles.

6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected during the RI showed trace concentrations of several VOCs with acetone (max of 0.18 mg/kg) exceeding Unrestricted Use SCOs. Trace concentrations of Tetrachloroethylene (maximum of 0.013 mg/Kg) was detected in five samples. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected with benz(a)anthracene (max of 1.48 mg/kg) and chrysene (max of 2.18 mg/kg) exceeding Unrestricted Use SCOs in one shallow sample. One pesticide, 4,4'-DDT (max of 0.00768 mg/kg) exceeded Unrestricted Use SCOs in two samples. Total PCBs exceeded Unrestricted Use SCOs at a concentration of 0.171 mg/kg in one soil sample. Several metals including barium (max of 447 mg/kg), copper (max of 76.3 mg/kg), lead (max of 1460 mg/kg), and zinc (max of 1460 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, barium and lead also exceeded Restricted Residential Use in one deep sample. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC.

7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples collected during the investigations showed no PCBs or pesticides in any sample. Trace concentrations of both VOCs and SVOCs were detected, but none exceeded their GQS. PCE (max of 4.4 µg/L) and TCE (max of 0.43 µg/L) were detected in groundwater below their respective GQS. Several metals were identified in groundwater but only antimony (max of 5 µg/L), magnesium (max of 36,600 µg/L), manganese (max of 3,080 µg/L), and sodium (max of 146,000 µg/L) exceeded their respective GQS.

~~7.~~8. Soil vapor results collected during the RI were compared to the compounds listed Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed high levels of

petroleum-related and chlorinated VOCs. Total concentrations of petroleum-related VOCs (BTEX) ranged from 106.5 $\mu g/m^3$ to 126.9 $\mu g/m^3$. Chlorinated VOCs tetrachloroethylene (PCE) was detected in all soil vapor samples ranging from 85 to 370 $\mu g/m^3$, trichloroethylene (TCE) was detected in four samples at a maximum concentration of 27 $\mu g/m^3$, and 1,1,1-trichloroethane (TCA) was detected in two soil vapor samples at a maximum concentration of 27 $\mu g/m^3$. Carbon tetrachloride was not detected in any sample. Concentrations for PCE and TCE were above the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

37-10 Crescent Street Owner, LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.42-acre site located at 37-10 Crescent Street in the Long Island City section of Queens, New York. Mixed manufacturing residential use is proposed for the property. The RI work was performed between June 21, 2014 and June 25, 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 37-10 Crescent Street in the Long Island City section of Queens, New York and is identified as Block 367 and Lot 27 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 18,300-square feet and is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and a 7-story commercial buildings to the east, and a machine shop and commercial facility to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for parking and offices for a limousine company and contains a single story warehouse occupying the entire site footprint. The existing on-Site building does not have a basement.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 7-story residential and manufacturing mixed use building with a full basement. The first floor will consist of manufacturing space. Floors 2 through 6 will consist of residential apartments with a community space on the 7th floor. The proposed basement will be utilized as a parking garage, mechanical room and boiler room. The foundations of the building are to be determined upon the completion of geotechnical investigation. The new building footprint will cover the entire Site. For the construction of the new basement, the proposed development of the Site will require excavation to a depth of approximately 10-11 feet below grade surface (bgs). Therefore, an estimated 7,350 cubic yards (11,000 tons) of soil will be removed for excavation of the new building's basement. Layout of

the proposed site development is presented in Figure 3. The current zoning designation is M1-2/R6A denoting it as mixed use manufacturing and residential. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located within a primarily mixed use residential, commercial, and manufacturing area of Queens, New York. The Site is bounded by a 6-story building currently under construction and a warehouse occupied by a commercial supply company to the north, an open parking lot to the south, a 2-story and a 7-story commercial buildings to the east, and a machine shop and commercial facility to the west.

P.S 112 Dutch Kills is located approximately 180 feet to the northeast of the Site at 25-05 37th Ave, Long Island City, NY 11101. I.S. 204 Oliver W Holmes is located approximately 500 feet to the east of the Site at 36-41 28th Street, Long Island City, NY 11106. There are no hospitals or day care facilities within 500 feet of the Site. Figure 2 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of the Phase I Environmental Site Assessment (ESA) Report prepared by Athenica in April 2014, a Site history was established. The Site consists of an 18,300 square-foot lot that is developed with a 1-story warehouse fronting Crescent Street. The Site was listed as a bowling alley in the current structure from its build date, circa 1958 until approximately 1970. From 1970 until at least 2006 the Site was designated as a manufacturing facility occupied by Continental Gourmet Company and Holfia Company Inc. until 1991. In 1991, the Site was listed as occupied by L&H Vitamins Inc. and in 2005 by Commonwealth Worldwide. The current occupants, a limousine company, are listed as the occupants of the Site since 2013.

Year	Name of Current and Previous Owners
1967 – 1984	Crescent Commodity Corporation
1984 – 1986	Sham Malhotra
1986 – 1997	L & H Vitamins Inc.
1997 – 2001	Raspberry Realty LLC
2001 – 2014	GMS Seashore Investment LLC
2014	37-10 Crescent Street Owner LLC

2.2 Previous Investigations

Athenica performed a Phase I ESA in April, 2014. The following RECs were identified as part of the Phase I ESA:

- The E-Designation for the Site represents a REC since it pertains to hazardous materials.
- The E-Designation for adjacent properties represents an off-site REC since it pertains to hazardous materials.
- Available historic Sanborn maps indicate past industrial use of adjacent properties to the west as a truck manufacturing facility and to the east as a rug cleaner facility. This past industrial use represents an off-site REC.
- According to the City Directory Abstract, occupants of the adjacent properties to the west and east include various manufacturing companies, such as a truck manufacturing facility

to the west and a rug cleaning facility to the east. The past industrial use of these adjacent properties represents an off-site REC.

No other previous environmental field investigations were provided to Athenica for the Site. The Phase I ESA Report is presented in Appendix A.

2.3 Site Inspection

Mr. John Danko of Athenica performed a Site inspection on April 14, 2014. The Site reconnaissance consisted of observing conditions throughout accessible areas of the Site building and around the perimeter of the Site. At the date of the inspection, the Site consisted of a 1-story commercial building with no basement.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Presence of urban fill from grade to approximately 2 to 4 feet bgs throughout the Site.

Figure 4 shows the AOC diagram.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is William Silveri.

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 in August of 2014 by Athenica included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight (8) soil borings across the entire project Site, and collected seventeen (17) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed five (5) soil vapor probes around Site perimeter and collected five (5) samples for chemical analysis.

Fieldwork was photo documented. Appendix B provides the investigation photographs.

4.1 Geophysical Investigation

Athenica contracted Ground Penetrating Radar Systems (GPRS) to conduct a geophysical survey across the Site. GPRS utilized a 400 MHZ ground penetrating radar (GPR) instrument along transects approximately two feet apart. The geophysical survey did not identify any anomalies indicative of an underground storage tank (UST) at the Site. A copy of the geophysical survey report describing the methodologies and findings is included in Appendix C.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of eight (8) on-Site direct-push soil borings were installed during the remedial investigation. The borings were designated as SB-1 through SB-8. Athenica installed all soil borings to 12 feet bgs on August 21 and August 22, 2014. The soil borings were installed utilizing Aquifer Drilling and Testing Inc.'s (ADT) track-mounted Geoprobe® 6620DT unit utilizing direct-push technology. Groundwater was not encountered during the installation of the soil borings.

From each of the direct-push soil borings, soil samples were continuously collected from grade to the boring termination depth and screened for evidence of contamination utilizing field

observations (odor and/or staining) and a photoionization detector (PID). A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer. Low PID readings were detected at various depths in SB-1, SB-4 and SB-5 to a maximum 6.5 parts per million (ppm).

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

Groundwater Monitoring Well Construction

Between August 21 and August 22, 2014, Geoprobe® 6620DT unit was utilized to install three groundwater monitoring wells throughout the Site. The monitoring wells were designated as MW-1 through MW-3 and were constructed of a 1-inch Schedule 40 PVC. MW-1 was installed to a depth of 45 feet bgs with screened interval of the well consisting of 20 feet, 0.020-inch slot screen situated approximately 5 feet above and 15 feet below the groundwater table. MW-2 and MW-3 were installed to 40 feet bgs. The screened interval of these wells consists of 15 feet, 0.020-inch slot screen, situated approximately 5 feet above and 10 feet below the groundwater table. A solid 1-inch diameter PVC riser extended from the top of the screens to approximately 2 inches below ground surface and is finished with a rubber plug and flush mounted well cap. Monitoring well locations are shown in Figure 5. Details of the monitoring well construction are presented in Appendix E.

Survey

The locations of soil borings and soil vapor probes were field measured. A land survey was used to identify the location and elevation of the groundwater monitoring wells.

Water Level Measurement

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. Groundwater was encountered between 28.71 to 30.71 feet bgs at the Site. Water level data is included in Table 1. Figure 6 shows the groundwater flow contour diagram.

4.3 Sample Collection and Chemical Analysis

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

Soil Sampling

A total of seventeen (17) soil samples were collected for chemical analysis during this RI. One shallow sample and one deeper sample were collected from all of the soil probes. An additional sample was collected from SB-1, where elevated PID readings of 6.5 ppm were identified. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 2 through Table 6. Figure 5 shows the location of the soil samples collected in this investigation. Laboratories and analytical methods are shown below.

Soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a chilled cooler (4º C) and submitted for analysis. Soil samples were analyzed at New York State Department of Health ELAP-certified laboratories. All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals. All samples were transmitted under proper chain of custody procedures to York Analytical Laboratories, a State-certified (ELAP) laboratory for confirmatory laboratory analyses.

Groundwater Sampling

Groundwater sampling was performed approximately three days after well installation. The groundwater monitoring wells were gauged for groundwater and/or free product levels. One (1) groundwater sample was collected from each of the three on-site monitoring wells and additionally one (1) trip blank was collected during this RI.

Representative groundwater samples from the groundwater monitoring wells were collected utilizing low-flow purging and sampling methods. The groundwater monitoring well was purged until water quality parameters, such as turbidity, conductivity, pH, and dissolved oxygen, were stabilized (10 percent variations or less) over three consecutive measurements while draw-down during purging is kept to a minimum (0.3 feet or less). Data on groundwater sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 7 through 11. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Groundwater samples were placed into laboratory-supplied glassware, immediately stored in an ice-filled cooler, and delivered with a chain-of-custody documentation to an ELAP certified and accredited laboratory. The groundwater samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBs, dissolved and total TAL metals, chromium hexavalent and chromium trivalent.

Soil Vapor Sampling

Five (5) soil vapor probes were installed to 12 feet bgs and five (5) soil vapor samples were collected for chemical analysis during this RI. Dedicated tubing was used for each vapor probe. An Athenica field representative coordinated and directed the installation of the temporary soil vapor probes and collected the representative vapor samples.

Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 12. Soil vapor sampling logs are included in Appendix F. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The soil vapor probes were connected to ¼-inch outer diameter inert Teflon-lined polyethylene tubing which extended above ground surface to allow for purging and sampling. 72 hours following the installation, approximately three volumes of air was purged from each vapor probe at a flow rate less than 200 milliliters per minute, and a representative vapor sample was collected over a four-hour period for laboratory analysis utilizing a 6-liter pre-cleaned SUMMA canisters. After vapor sampling, each SUMMA cannister was labeled and sent to a laboratory certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by William Silveri.
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 and groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 2 through Table 12, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix G through Appendix I.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site, from the surface down, consists of 2 to 4 feet of medium coarse sand with urban fill and pebbles underlain by 8 to 10 feet of medium to coarse sand with pebbles.

Hydrogeology

A table of water level data for all monitor wells is included in Table 1. The depth to groundwater beneath the Site ranges from 28.71 to 29.61 feet bgs. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 6. As indicated by Figure 6, groundwater flow is towards west-southwest.

5.2 Soil Chemistry

Soil/Fill samples collected during this RI were compared to 6NYCRR Part 375-6.8 Track 1 Unrestricted Soil Cleanup Objectives (SCOs). Soil/fill samples collected during the RI showed no VOCs above Track 1 SCOs other than acetone. It should be noted that acetone is a common laboratory contaminant. Two Polycyclic Aromatic Hydrocarbon (PAH) range SVOCs including Benzo(a)anthracene (1.48 ppm) and Chrysene (2.18 ppm) were detected above their respective Unrestricted Use SCOs in one of the seventeen soil samples at zero to 2 feet interval. Of these SVOCs, Benzo(a)anthracene also exceeded its respective Restricted Residential Use SCO however concentrations of these PAHs were well within published values for historic fill and therefore their presence is likely attributable to historic fill as opposite past site use. One pesticide; 4,4'-DDT (max. of 0.00768 ppm) was identified at concentrations slightly exceeding its Track 1 Unrestricted Use SCO in two samples. Total PCBs (max. of 0.171) were detected at concentrations slightly above the respective Track 1 Unrestricted Use SCOs in three soil samples. Four (4) metals; Barium (447 ppm), Copper (max. of 76.3 ppm), Lead (max. of 1,460 ppm) and Zinc (max. of 1,460 ppm) were identified above Track 1 Unrestricted SCOs in four of the soil samples. Of these metals, barium and lead also exceeded their respective Restricted Residential SCOs in one sample. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed

on soil samples is included in Tables 2 through 6. Figure 6 shows the location and posts the values for soil samples that exceed the New York State 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed no detected pesticides, PCBs,VOCs or SVOCs above Class GA Groundwater Standards (GQS). Several metals were identified in the groundwater samples, but only four (4) dissolved metals; antimony (5 ug/L), magnesium (max. 36,600 ug/L), manganese (max. 3,080 ug/L) and sodium (146,000 ug/L) were identified above their respective GQS. Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 7 through 11. Exceedances of applicable groundwater standards are shown.

Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed low to moderate levels of petroleum-related compounds including: ethyl benzene, o-Xylene, p- & m- Xylenes and Toluene. Carbon Tetrachloride was not detected in any of the soil vapor samples. Tetrachloroethylene (PCE) was detected in all five of the soil vapor samples, at a maximum concentration of 370 ug/m^3. Trichloroethane (TCE) was detected in four of the five samples, at a maximum concentration of 27 ug/m^3. 1,1,1-Trichloroethane was detected in two of the five samples at a maximum concentration of 27 ug/m^3. None of these four compounds detected are above the mitigation level range established by NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006). 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 12.

Figure 8 shows the location and posts the values for soil vapor matrix compounds.

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

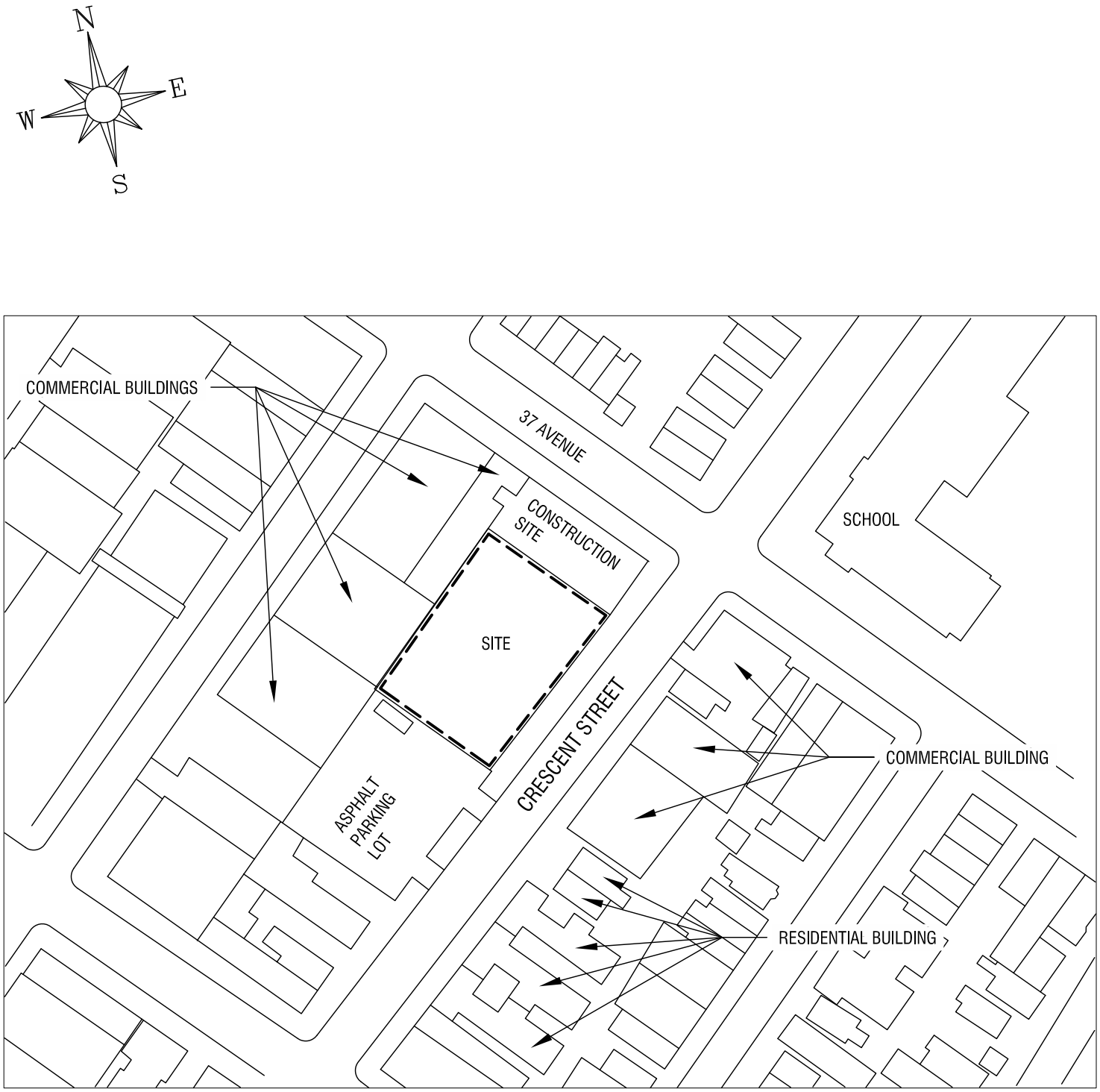
Source: http://maps.nyc.gov/doitt/nycitymap/

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

Figure 1- Site Location Map
37-10 Crescent Street
Queens, New York

PREPARED FOR: 37-10 CRESCENT STREET OWNER, LLC
PROJECT MANAGER: EZGI KARAYEL
DRAWN BY: PAUL TAN

DATE: 09/11/2014
PROJECT#:14-133-1037

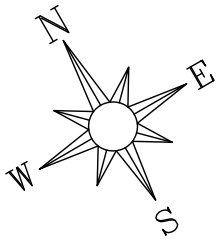


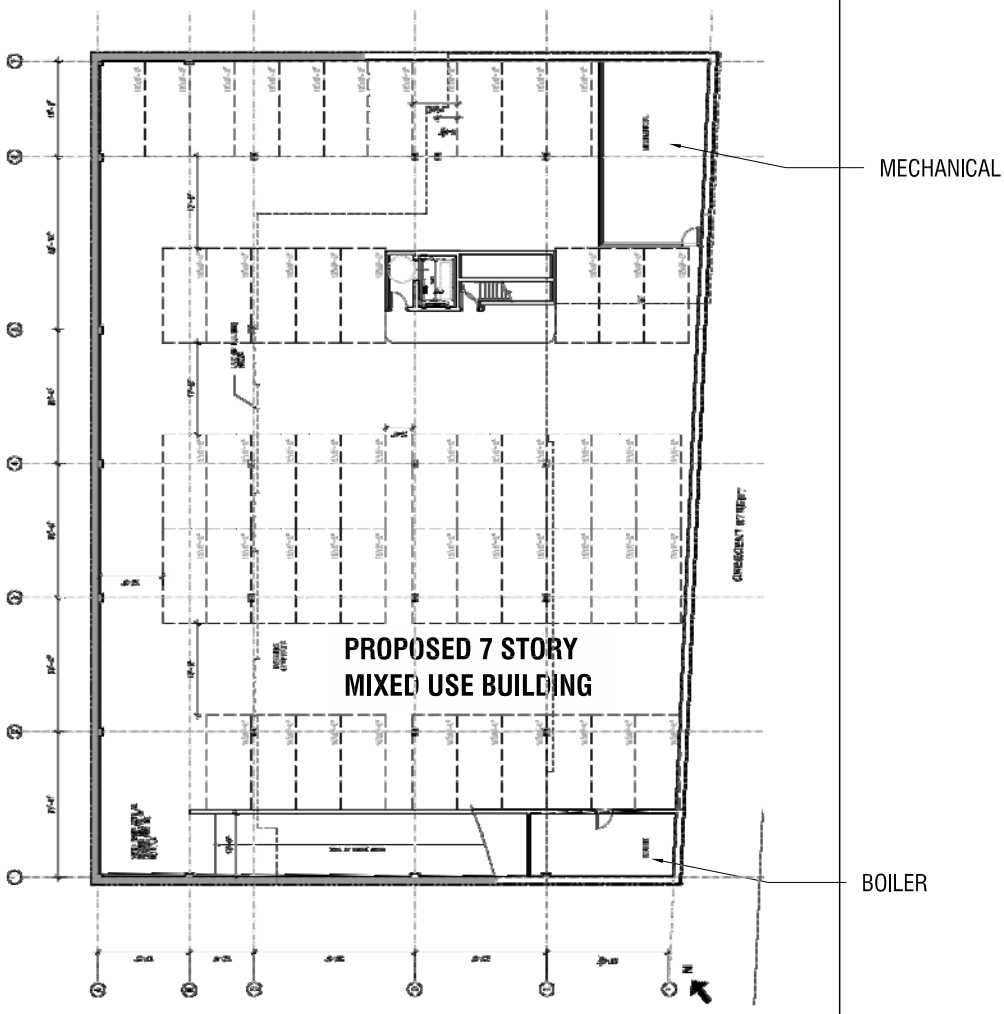
Legend:

- - - - - BUILDING / PROPERTY BOUNDARY

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure: Title:	2 REMEDIAL INVESTIGATION REPORT SITE BOUNDARY MAP
Date:	September 18, 2014
Drawn by:	ALEJANDRO MOREJON CORTINA
Checked by:	ETHAN RAINEY
Drawing Scale:	N.T.S.
Project No.:	14-133-1037

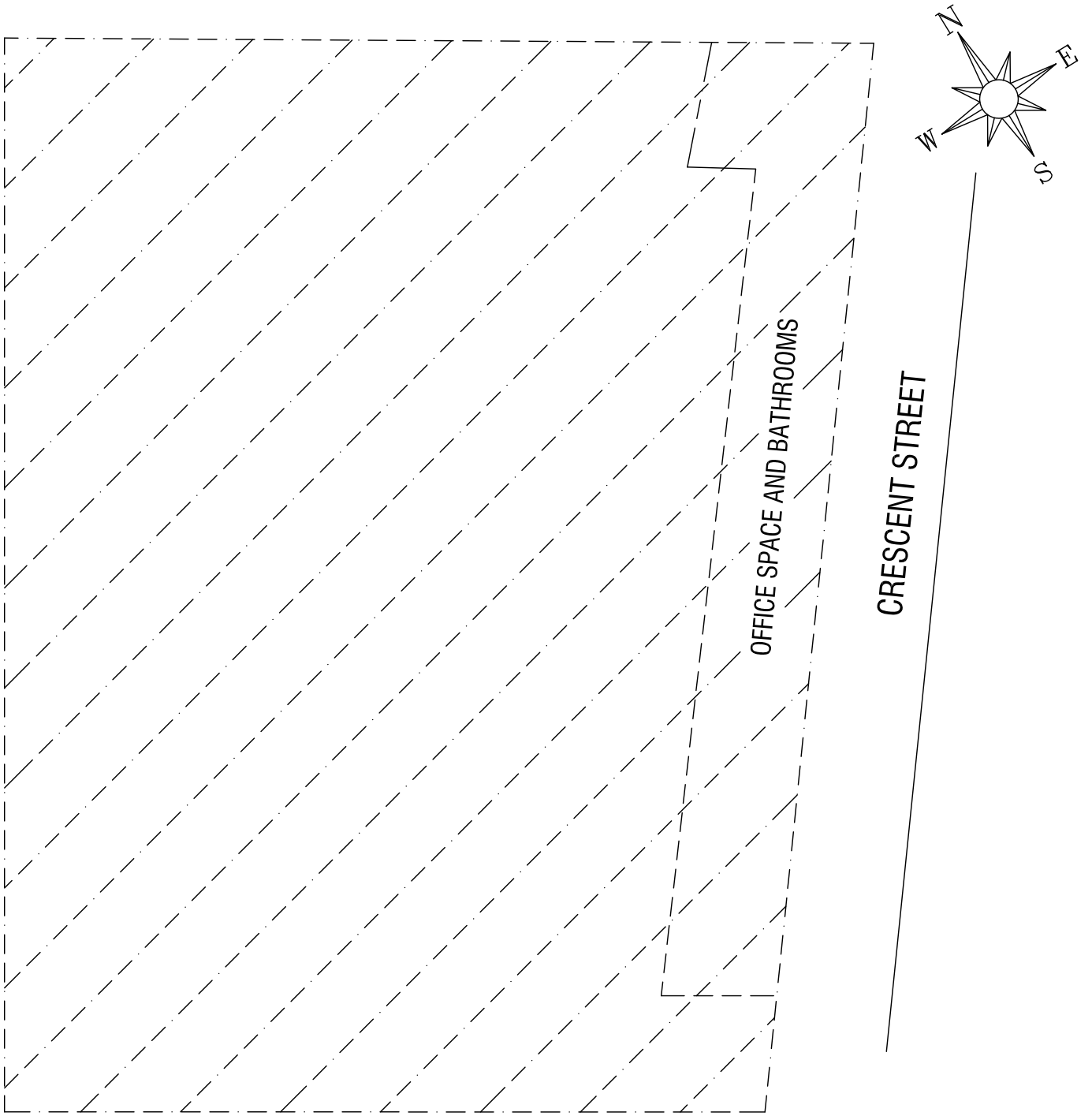




Legend:

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11101
Figure: Title:	3 REMEDIAL INVESTIGATION REPORT PROPOSED SITE DEVELOPMENT
Date:	September 17, 2014
Drawn by:	ALEJANDRO MOREJON CORTINA
Checked by:	PAUL TAN
Drawing Scale:	AS NOTED
Project No.:	14-133-0457



NOTES: 1. HISTORIC FILL IS PRESENT ACROSS THE ENTIRE SITE FROM GRADE TO A DEPTH OF TWO TO FOUR FEET BELOW GROUND SURFACE (BGS)

Legend:

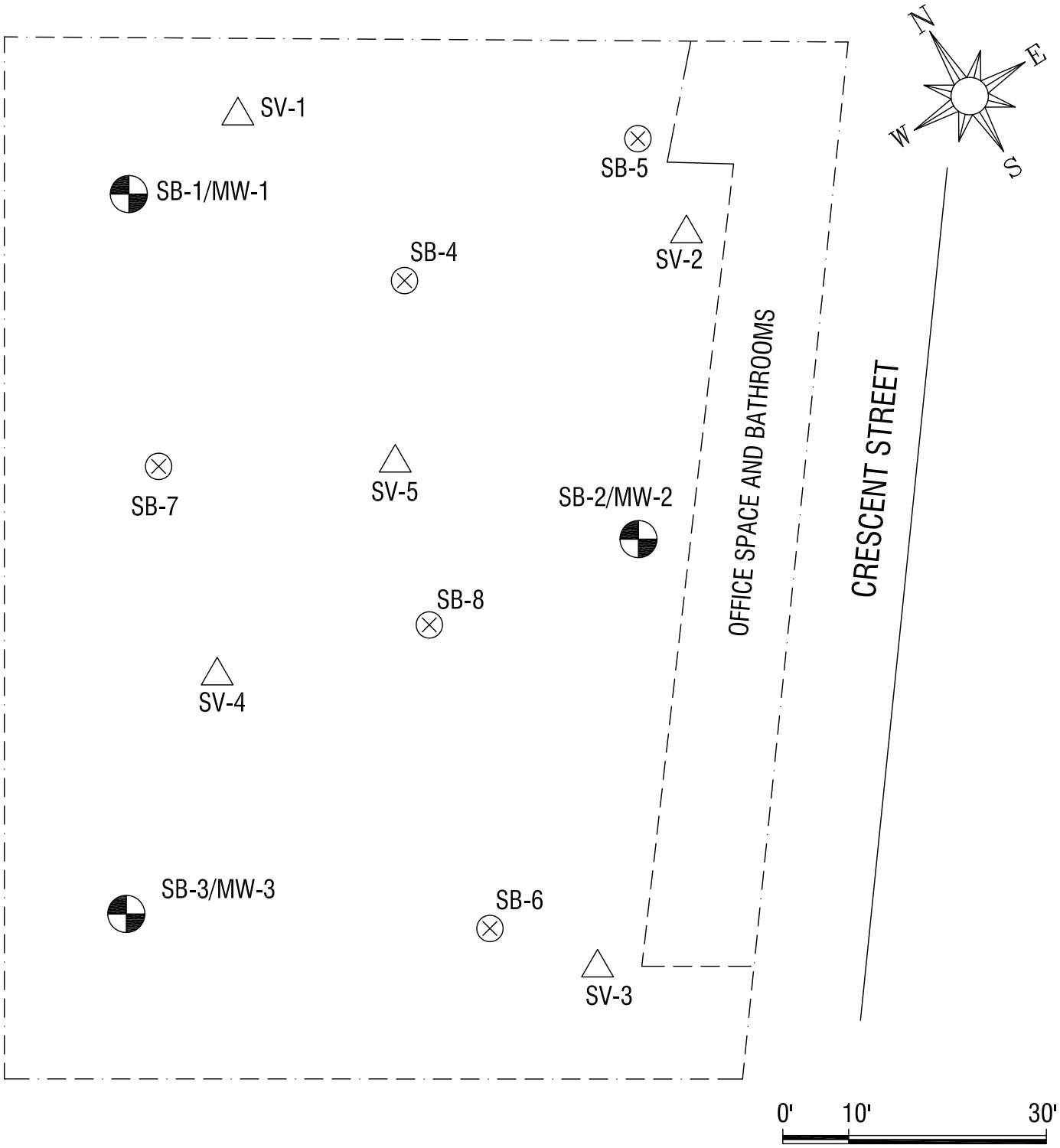
AREA OF HISTORIC FILL

SITE BOUNDARY

OFFICE SPACE BOUNDARY

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure: Title:	4 REMEDIAL INVESTIGATION REPORT AREA OF CONCERN DIAGRAM
Date:	September 18, 2014
Drawn by:	ALEJANDRO MOREJON
Checked by:	EZGI KARAYEL
Drawing Scale:	AS NOTED
Project No.:	14-133-1037

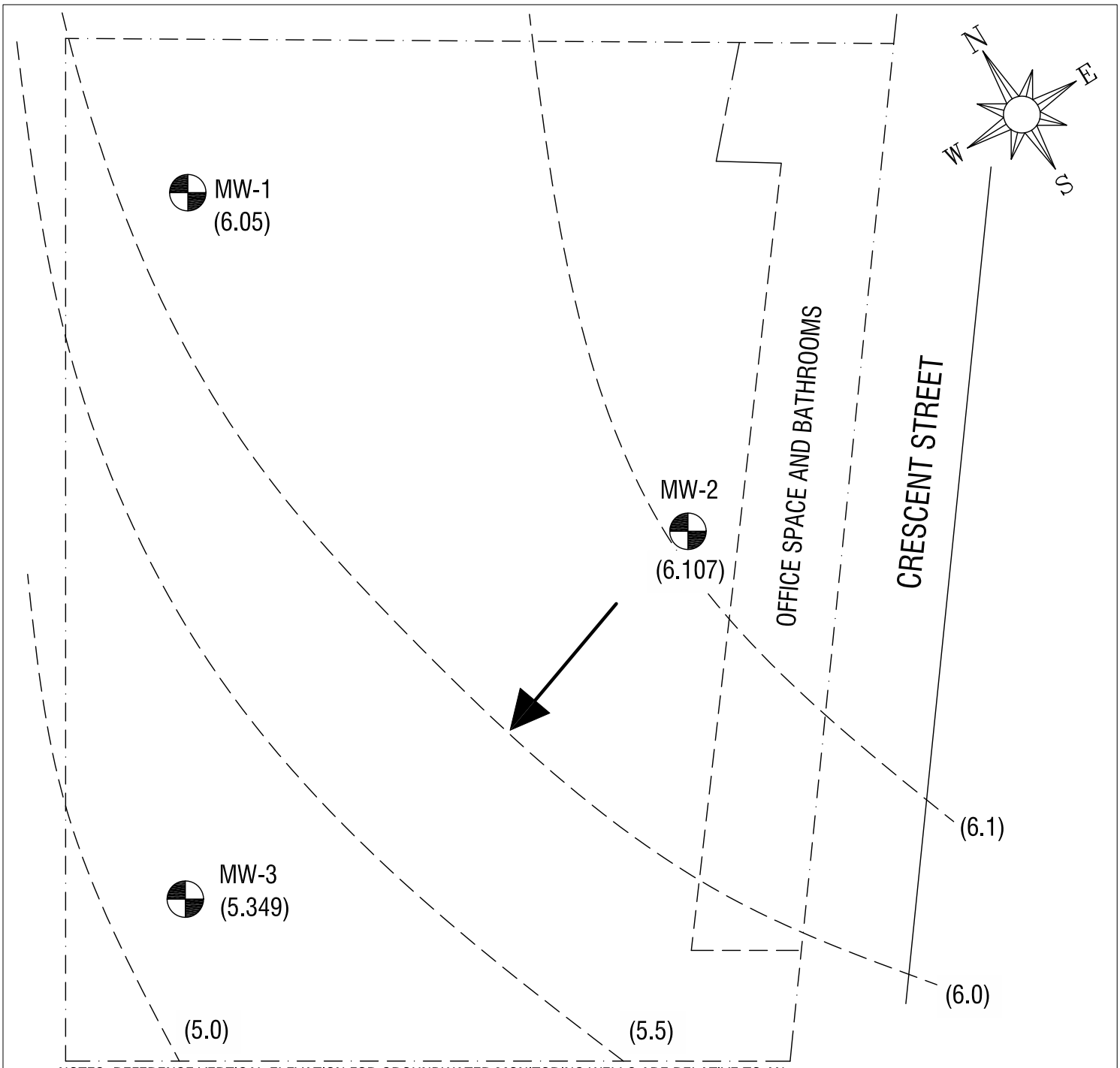


Legend:

△ SS-X	SUB-SLAB SOIL VAPOR SAMPLING LOCATION AND DESIGNATION NUMBER
⊗ SB-X	SOIL BORING LOCATION AND DESIGNATION NUMBER
◐ SB-X/MW-X	SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION NUMBER
— — · —	SITE BOUNDARY
— — — —	OFFICE SPACE BOUNDARY

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure:	5
Title:	REMEDIAL INVESTIGATION REPORT SAMPLING PLAN
Date:	September 17, 2014
Drawn by:	ALEJANDRO MOREJON
Checked by:	EZGI KARAYEL
Drawing Scale:	AS NOTED
Project No.:	14-133-1037



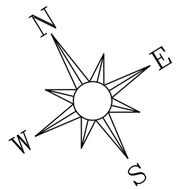
NOTES: REFERENCE VERTICAL ELEVATION FOR GROUNDWATER MONITORING WELLS ARE RELATIVE TO AN ASSUMED DATUM WHICH WAS 40 FEET.

Legend:

MW-X	MONITORING WELL LOCATION AND DESIGNATION NUMBER
— — · —	SITE BOUNDARY
— — — —	OFFICE SPACE BOUNDARY
(XX.XX)	GROUNDWATER ELEVATION
⌒	GROUNDWATER LEVEL CONTOUR LINE
←	GROUNDWATER FLOW DIRECTION

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure:	6
Title:	REMEDIAL INVESTIGATION REPORT GROUNDWATER CONTOUR MAP
Date:	SEPTEMBER 09, 2014
Drawn by:	ALEJANDRO MOREJON
Checked by:	ETHAN RAINEY
Drawing Scale:	AS NOTED
Project No.:	14-133-1037

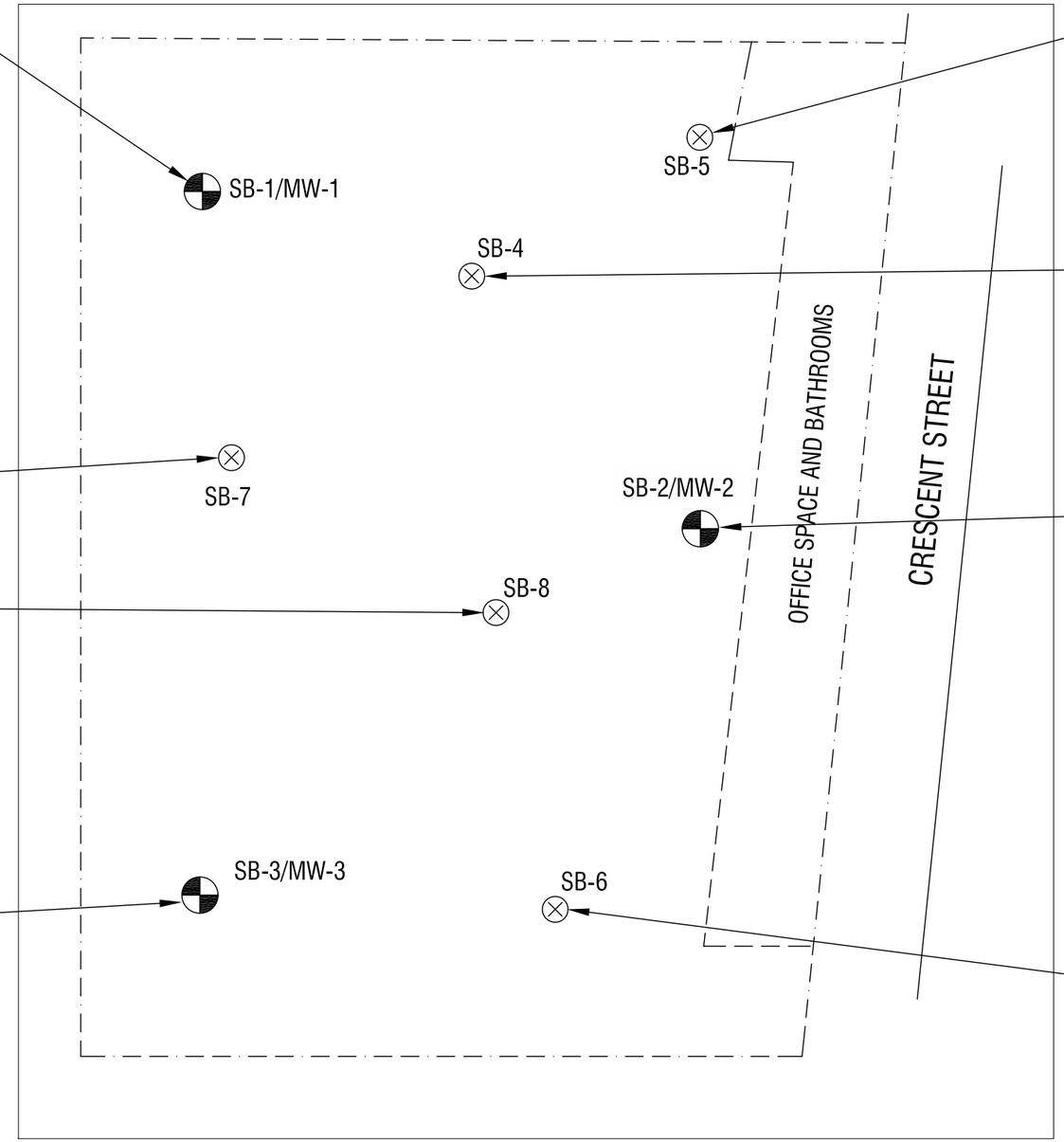


SB-1 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
Metals		
Lead	63	**141**
Zinc	0.18	**174**
SB-1 (6'-8')		
Pesticides		
4,4-DDT	0.0033	**0.00482**
Metals		
Barium	350	**447**
Copper	50	**73.9**
Lead	63	**1,460**
Zinc	109	**1,460**

SB-7 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
PCBs		
Total PCBs	0.01	**0.0404**
Metals		
Copper	50	**76.3**
Lead	63	**284**
Zinc	109	**1,410**

SB-8 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
PCBs		
Total PCBs	0.01	**0.0793**
Metals		
Copper	50	**53.9**
Lead	63	**233**
Zinc	109	**173**

SB-3 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	1	**1.48**
Chrysene	1	**2.18**
Metals		
Lead	63	**204**
Zinc	109	**238**



SB-5 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
Metals		
Copper	50	**63.1**
Lead	63	**360**
Zinc	109	**188**

SB-4 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
Metals		
Copper	50	**53**
Lead	63	**185**
Zinc	109	**185**

SB-2 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
Pesticides		
4,4-DDT	0.0033	**0.00768**
PCBs		
Total PCBs	0.01	**0.171**
Metals		
Lead	63	**210**
Zinc	109	**200**
SB-2 (10'-12')		
	mg/Kg	mg/Kg
Metals		
Lead	63	**81.5**

SB-6 (0'-2')		
Compounds	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	Results
	mg/Kg	mg/Kg
Metals		
Copper	50	**60.6**
Lead	63	**332**
Zinc	109	**307**

NOTES:
1. THE EVALUATION CRITERIA FOR SOIL SAMPLING RESULTS IS NYSDEC PART 375 SOIL CLEANUP OBJECTIVES FOR UNRESTRICTED USE
2. RESULTS SHOWN ON FIGURE ARE THOSE FOUND ABOVE THE EVALUATION CRITERIA

Legend:

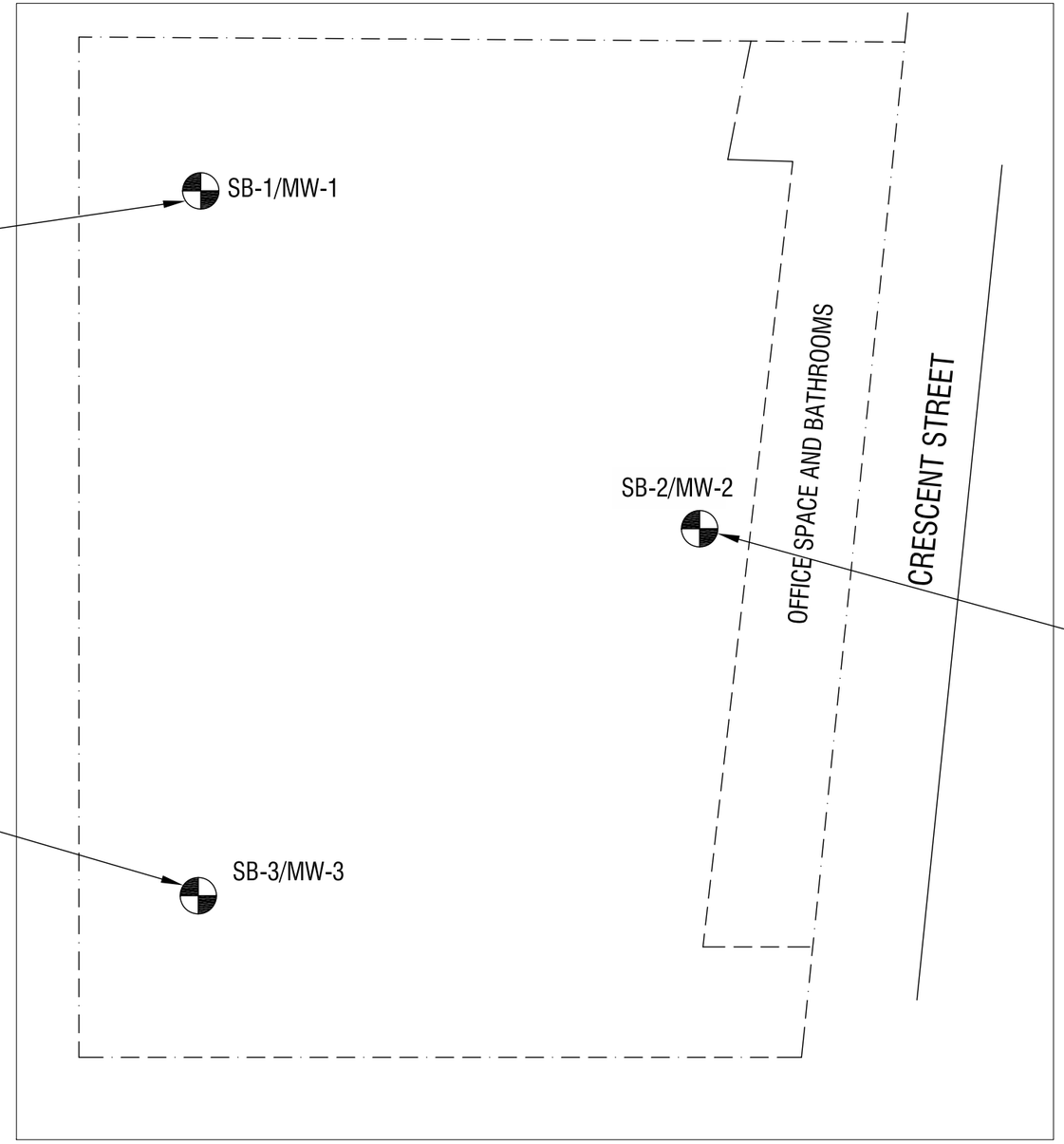
- SB-X — SOIL BORING LOCATION AND DESIGNATION NUMBER
- SB-X/MW-X — SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION NUMBER
- SITE BOUNDARY
- OFFICE SPACE BOUNDARY

Scale:

0' 10' 30'

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure: Title:	7 REMEDIAL INVESTIGATION REPORT SOIL BORING LOCATIONS AND EXCEEDANCES
Date:	September 18, 2014
Drawn by:	ALEJANDRO MOREJON
Checked by:	ETHAN RAINEY
Drawing Scale:	AS NOTED
Project No.:	14-133-1037



MW-1		
Compounds	NYSDEC Class GA Groundwater Standard/Guidance Value	Results
	ug/L	ug/L
Dissolved Metals		
Antimony	3	**5**
Magnesium	35,000	**36,100**
Manganese	300	**3,080**
Sodium	20,000	**76,300**

MW-3		
Compounds	NYSDEC Class GA Groundwater Standard/Guidance Value	Results
	ug/L	ug/L
Dissolved Metals		
Antimony	3	**5**
Magnesium	35,000	**36,600**
Manganese	300	**974**
Sodium	20,000	**146,000**

MW-2		
Compounds	NYSDEC Class GA Groundwater Standard/Guidance Value	Results
	ug/L	ug/L
Dissolved Metals		
Antimony	3	**5**
Sodium	20,000	**98,100**

NOTES:
1. THE EVALUATION CRITERIA FOR GROUNDWATER SAMPLING RESULTS IS THE NYSDEC CLASS GA GROUNDWATER STANDARD/GUIDANCE VALUE.
2. RESULTS SHOWN ON FIGURE ARE THOSE FOUND ABOVE THE EVALUATION CRITERIA.

Legend:

SB-X/MW-X SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION NUMBER

SITE BOUNDARY

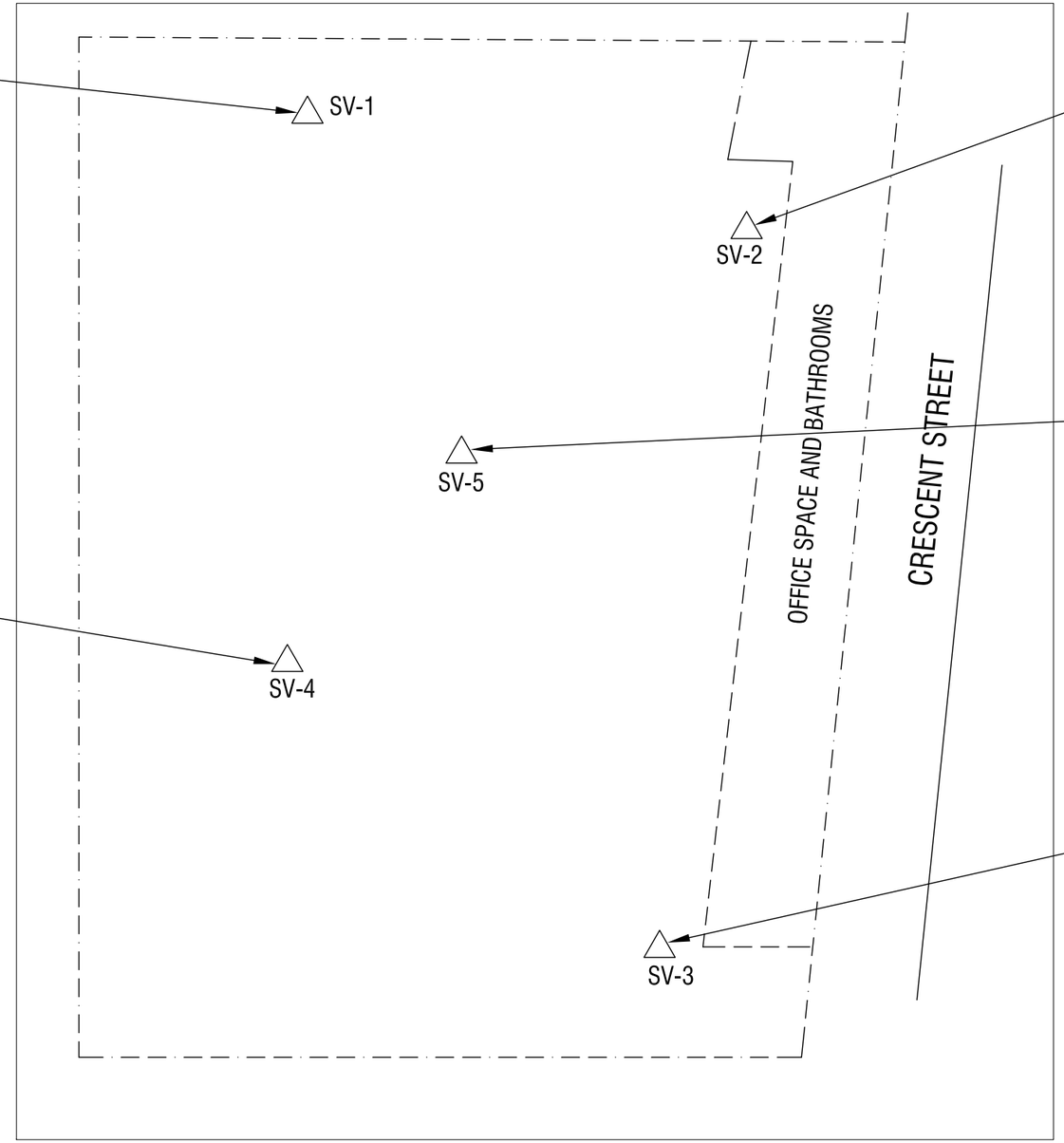
OFFICE SPACE BOUNDARY

Scale:

0' 10' 30'

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure: Title:	8 REMEDIAL INVESTIGATION REPORT GROUNDWATER MONITORING WELL LOCATIONS AND EXCEEDANCES
Date:	September 18, 2014
Drawn by:	ALEJANDRO MOREJON
Checked by:	ETHAN RAINEY
Drawing Scale:	AS NOTED
Project No.:	14-133-1037



SV-1	
Compounds	Results
	ug/m3
Volatile Organic Compounds	
1,1,1-Trichloroethane	ND
Carbon tetrachloride	ND
Tetrachloroethylene (PCE)	85
Trichloroethylene (TCE)	ND

SV-2	
Compounds	Results
	ug/m3
Volatile Organic Compounds	
1,1,1-Trichloroethane	ND
Carbon tetrachloride	ND
Tetrachloroethylene (PCE)	350
Trichloroethylene (TCE)	21

SV-5	
Compounds	Results
	ug/m3
Volatile Organic Compounds	
1,1,1-Trichloroethane	ND
Carbon tetrachloride	ND
Tetrachloroethylene (PCE)	270
Trichloroethylene (TCE)	13

SV-4	
Compounds	Results
	ug/m3
Volatile Organic Compounds	
1,1,1-Trichloroethane	14
Carbon tetrachloride	ND
Tetrachloroethylene (PCE)	130
Trichloroethylene (TCE)	11

SV-3	
Compounds	Results
	ug/m3
Volatile Organic Compounds	
1,1,1-Trichloroethane	27
Carbon tetrachloride	ND
Tetrachloroethylene (PCE)	370
Trichloroethylene (TCE)	27

NOTES:
1. RESULTS SHOWN ON FIGURE ARE FOR MATRIX 1 AND MATRIX 2 COMPOUNDS ONLY.

Legend:

△ SV-X — SUB-SLAB SOIL VAPOR SAMPLING LOCATION AND DESIGNATION NUMBER

ND — ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED

— — · — SITE BOUNDARY

— — — — OFFICE SPACE BOUNDARY

Scale:

0' 10' 30'

ATHENICA ENVIRONMENTAL SERVICES, INC,
Environmental Consultants

Site map:	37-10 CRESCENT STREET QUEENS, NY 11377
Figure: Title:	9 REMEDIAL INVESTIGATION REPORT SOIL VAPOR LOCATIONS AND RESULTS
Date:	September 18, 2014
Drawn by:	ALEJANDRO MOREJON
Checked by:	ETHAN RAINEY
Drawing Scale:	AS NOTED
Project No.:	14-133-1037

TABLES

Table 1
Groundwater Monitoring Data - August 2014
37-10 Crescent Street, Queens, NY

Monitoring Well ID	Guaging Date	Reference Elevation (feet)	Relative Well Elevation (feet)	Top of PVC Casing Elevation (feet)	Depth to Water (feet)	Depth to Product	Groundwater Elevation (feet)
MW-1	8/25/2014	40	5.2	34.8	28.75	ND	6.05
MW-2	8/25/2014	40	5.183	34.817	28.71	ND	6.107
MW-3	8/25/2014	40	5.041	34.959	29.61	ND	5.349

Notes:
1. The vertical elevations for groundwater monitoring wells were surveyed relative to an on-site benchmark (piling inside the building), which was assigned a relative elevation of 40 feet.
2. ND = Product not detected

Table 2
Soil Sampling Results
Target Compound List Volatile Organic Compounds
37-10 Crescent Street
Queens, NY 11101

Sample ID	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential	SB-1		SB-1		SB-1		SB-2		SB-2		SB-3		SB-3		SB-4		SB-4		SB-5		SB-5		SB-6		SB-6		SB-7		SB-7		SB-8		SB-8	
Lab Sample ID			14H0994-01		14H0994-02		14H0994-03		14H0993-01		14H0993-02		14H0993-03		14H0993-04		14H0994-04		14H0994-05		14H0994-06		14H0994-07		14H0994-08		14H0994-09		14H0993-05		14H0993-06		14H0993-07		14H0993-08	
Sampling Date			8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014	
Sample Depth (Feet)			0'-2'		6'-8'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'	
Dilution Factor			1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Unit of Measure			(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)	
1,1,1,2-Tetrachloroethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,1,1-Trichloroethane	0.68	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,1,2,2-Tetrachloroethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,1,2-Trichloroethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,1-Dichloroethane	0.27	26	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,1-Dichloroethylene	0.33	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2,4-Trichlorobenzene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2,4-Trimethylbenzene	3.6	52	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2-Dibromo-3-chloropropane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2-Dibromoethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2-Dichlorobenzene	1.1	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2-Dichloroethane	0.02	3.1	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,2-Dichloropropane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,3,5-Trimethylbenzene	8.4	52	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,3-Dichlorobenzene	2.4	49	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,4-Dichlorobenzene	1.8	13	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
1,4-Dioxane	0.1	13	0.053	ND	0.056	ND	0.053	ND	0.059	ND	0.049	ND	0.053	ND	0.057	ND	0.05	ND	0.059	ND	0.056	ND	0.054	ND	0.055	ND	0.054	ND	0.047	ND	0.052	ND	0.054	ND	0.051	ND
2-Butanone	0.12	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
2-Hexanone	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
4-Methyl-2-pentanone	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Acetone	0.05	100	0.036		0.048		0.03		0.0067	J	**0.14**		0.0043	J	0.012		0.0086	J	0.0076	J	0.0028	ND	0.015		0.0085	JB	**0.059**	B	**0.18**		**0.15**		0.0069	J	0.016	
Acrolein	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Acrylonitrile	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Benzene	0.06	4.8	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Bromodichloromethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Bromoform	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Bromomethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Carbon disulfide	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Carbon tetrachloride	0.76	2.4	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Chlorobenzene	1.1	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Chloroethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Chloroform	0.37	49	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Chloromethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
cis-1,2-Dichloroethylene	0.25	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
cis-1,3-Dichloropropylene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Dibromochloromethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Dibromomethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Dichlorodifluoromethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.062		0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Ethyl Benzene	1	41	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Hexachlorobutadiene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Isopropylbenzene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Methyl acetate	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Methyl tert-butyl ether (MTBE)	0.93	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Methylene chloride	0.05	100	0.005	J	0.0035	J	0.0057	J	0.0046	J	0.0024	ND	0.0027	ND	0.0079	J	0.005	J	0.0044	J	0.0028	ND	0.0039	J	0.0044	JB	0.0027	ND	0.0023	ND	0.0026	ND	0.0053	J	0.0096	J
n-Butylbenzene	12	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
n-Propylbenzene	3.9	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
o-Xylene	0.26	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
p- & m- Xylenes	0.26	NC	0.0053	ND	0.0056	ND	0.0053	ND	0.0059	ND	0.0049	ND	0.0053	ND	0.0057	ND	0.005	ND	0.0059	ND	0.0056	ND	0.0054	ND	0.0055	ND	0.0054	ND	0.0047	ND	0.0052	ND	0.0054	ND	0.0051	ND
p-Isopropyltoluene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
sec-Butylbenzene	11	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Styrene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
tert-Butyl alcohol (TBA)	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
tert-Butylbenzene	5.9	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Tetrachloroethylene	1.3	19	0.0027	ND	0.0028	ND	0.0026	ND	0.0044	J	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.013		0.0036	J	0.0058		0.0027	ND	0.0023	ND	0.0026	ND	0.0088		0.0026	ND
Toluene	0.7	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
trans-1,2-Dichloroethylene	0.19	100	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
trans-1,3-Dichloropropylene	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Trichloroethylene	0.47	21	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Trichlorofluoromethane	NC	NC	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND
Vinyl Chloride	0.02	0.9	0.0027	ND	0.0028	ND	0.0026	ND	0.0029	ND	0.0024	ND	0.0027	ND	0.0029	ND	0.0025	ND	0.003	ND	0.0028	ND	0.0027	ND	0.0027	ND	0.0027	ND	0.0023	ND	0.0026	ND	0.0027	ND	0.0026	ND

Legend
mg/kg - milligrams per kilograms
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)
B - analyte found in the analysis batch blank
J - Analyte detected at or above the method detection limit (MDL)
Gray bold and shaded values exceed the Part 375 Unrestricted Use Soil Cleanup Objectives

Notes
1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objective and Restricted Residential SCOs

Table 3
Summary of Soil Sampling Results
Target Compound List Semi-Volatile Organic Compounds
37-10 Crescent Street
Queens, NY 11101

Sample ID	NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential	SB-1		SB-1		SB-1		SB-2		SB-2		SB-3		SB-3		SB-4		SB-4		SB-5		SB-5		SB-6		SB-6		SB-7		SB-7		SB-8		SB-8	
Lab Sample ID			14H0994-01		14H0994-02		14H0994-03		14H0993-01		14H0993-02		14H0993-03		14H0993-04		14H0994-04		14H0994-05		14H0994-06		14H0994-07		14H0994-08		14H0994-09		14H0993-05		14H0993-06		14H0993-07		14H0993-08	
Sampling Date			8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014	
Sample Depth(Feet)			0'-2'		6'-8'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'	
Dilution Factor			2		2		1		5		1		5		1		1		1		2		1		2		1		5		1		5		1	
Unit of Measure	(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)		(mg/Kg)	
1,1'-Biphenyl	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
1,2,4,5-Tetrachlorobenzene	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
1,2,4-Trichlorobenzene	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
1,2-Dichlorobenzene	1.1	100	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
1,2-Diphenylhydrazine (as Azoben	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
1,3-Dichlorobenzene	2.4	49	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
1,4-Dichlorobenzene	1.8	13	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2,3,4,6-Tetrachlorophenol	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2,4,5-Trichlorophenol	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2,4,6-Trichlorophenol	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2,4-Dichlorophenol	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
2,4-Dimethylphenol	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2,4-Dinitrophenol	NC	NC	0.356	ND	0.365	ND	0.17	ND	0.923	ND	0.174	ND	0.889	ND	0.172	ND	0.187	ND	0.171	ND	0.369	ND	0.173	ND	0.357	ND	0.173	ND	0.901	ND	0.169	ND	0.9	ND	0.17	ND
2,4-Dinitrotoluene	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
2,6-Dinitrotoluene	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2-Chloronaphthalene	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2-Chlorophenol	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2-Methylnaphthalene	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2-Methylphenol	0.33	100	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
2-Nitroaniline	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
2-Nitrophenol	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
3- & 4-Methylphenols	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
3,3'-Dichlorobenzidine	NC	NC	0.356	ND	0.365	ND	0.17	ND	0.923	ND	0.174	ND	0.889	ND	0.172	ND	0.187	ND	0.171	ND	0.369	ND	0.173	ND	0.357	ND	0.173	ND	0.901	ND	0.169	ND	0.9	ND	0.17	ND
3-Nitroaniline	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
4,6-Dinitro-2-methylphenol	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
4-Bromophenyl phenyl ether	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
4-Chloro-3-methylphenol	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
4-Chloroaniline	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
4-Chlorophenyl phenyl ether	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
4-Nitroaniline	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
4-Nitrophenol	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
Acenaphthene	20	100	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.155	JD	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Acenaphthylene	100	100	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Acetophenone	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Aniline	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Anthracene	100	100	0.236	JD	0.0918	ND	0.0428	ND	0.236	JD	0.0438	ND	0.355	JD	0.0432	ND	0.0537	J	0.043	ND	0.307	JD	0.0452	J	0.109	JD	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Atrazine	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Benzaldehyde	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Benzidine	NC	NC	0.356	ND	0.365	ND	0.17	ND	0.923	ND	0.174	ND	0.889	ND	0.172	ND	0.187	ND	0.171	ND	0.369	ND	0.173	ND	0.357	ND	0.173	ND	0.901	ND	0.169	ND	0.9	ND	0.17	ND
Benzo(a)anthracene	1	1	0.67	D	0.287	JD	0.0428	ND	0.726	JD	0.0924	J	**1.48**	D	0.0432	ND	0.167	J	0.043	ND	0.924	D	0.138	J	0.508	D	0.0435	ND	0.443	JD	0.0426	ND	0.41	JD	0.0428	ND
Benzo(a)pyrene	1	1	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0629	J	0.405	JD	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.126	J	0.404	D	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Benzo(b)fluoranthene	1	1	0.248	JD	0.162	JD	0.0428	ND	0.433	JD	0.0615	J	0.584	JD	0.0432	ND	0.0972	J	0.043	ND	0.362	JD	0.0725	J	0.226	JD	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Benzo(g,h,i)perylene	100	100	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
Benzo(k)fluoranthene	0.8	3.9	0.233	JD	0.136	JD	0.0428	ND	0.424	JD	0.0688	J	0.778	JD	0.0432	ND	0.0686	J	0.043	ND	0.265	JD	0.0677	J	0.238	JD	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Benzoic acid	NC	NC	0.243	ND	0.249	ND	0.116	ND	0.63	ND	0.119	ND	0.607	ND	0.117	ND	0.127	ND	0.117	ND	0.252	ND	0.118	ND	0.243	ND	0.118	ND	0.615	ND	0.116	ND	0.614	ND	0.116	ND
Benzyl alcohol	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
Benzyl butyl phthalate	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Bis(2-chloroethoxy)methane	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Bis(2-chloroethyl)ether	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Bis(2-chloroisopropyl)ether	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Bis(2-ethylhexyl)phthalate	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.057	J	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Caprolactam	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Carbazole	NC	NC	0.105	JD	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.129	JD	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Chrysene	1	3.9	0.565	D	0.303	JD	0.0428	ND	0.844	JD	0.0945	J	**2.18**	D	0.0432	ND	0.162	J	0.043	ND	0.877	D	0.132	J	0.526	D	0.0435	ND	0.619	JD	0.0426	ND	0.665	JD	0.0428	ND
Dibenzo(a,h)anthracene	0.33	0.33	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Dibenzofuran	7	59	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Diethyl phthalate	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Dimethyl phthalate	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Di-n-butyl phthalate	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Di-n-octyl phthalate	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Fluoranthene	100	100	1.11	D	0.61	D	0.0428	ND	1.74	D	0.182		3.55	D	0.0432	ND	0.418		0.043	ND	1.94	D	0.3		1.07	D	0.0435	ND	1.36	D	0.0426	ND	1.1	D	0.0428	ND
Fluorene	30	100	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.116	JD	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Hexachlorobenzene	0.33	1.2	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Hexachlorobutadiene	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Hexachlorocyclopentadiene	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
Hexachloroethane	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.275	JD	0.0432	ND	0.0469	ND	0.043	ND	0.117	JD	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Isophorone	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Naphthalene	12	100	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Nitrobenzene	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
N-Nitrosodimethylamine	NC	NC	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
N-nitroso-di-n-propylamine	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
N-Nitrosodiphenylamine	NC	NC	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Pentachlorophenol	0.8	6.7	0.179	ND	0.184	ND	0.0856	ND	0.464	ND	0.0875	ND	0.447	ND	0.0865	ND	0.0939	ND	0.0861	ND	0.186	ND	0.087	ND	0.179	ND	0.0871	ND	0.453	ND	0.0852	ND	0.453	ND	0.0856	ND
Phenanthrene	100	100	0.775	D	0.348	JD	0.0428	ND	1.09	D	0.128	J	1.85	D	0.0432	ND	0.242		0.043	ND	1.4	D	0.241		0.514	D	0.0435	ND	0.833	JD	0.0426	ND	0.604	JD	0.0428	ND
Phenol	0.33	100	0.0896	ND	0.0918	ND	0.0428	ND	0.232	ND	0.0438	ND	0.224	ND	0.0432	ND	0.0469	ND	0.043	ND	0.0929	ND	0.0435	ND	0.0897	ND	0.0435	ND	0.227	ND	0.0426	ND	0.226	ND	0.0428	ND
Pyrene	100	100	1.07	D	0.515	D	0.0428	ND	1.55	D	0.159	J	3.94	D	0.0432	ND	0.294		0.043	ND	1.72	D	0.231		0.91	D	0.0435	ND	1.16	D	0.0426	ND	1.02	D	0.0428	ND

Legend
mg/kg - milligrams per kilograms
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)
J - Analyte detected at or above the method detection limit (MDL)
D - Result from an analsis that required a dilution
Gray bold and shaded values exceed the Part 375 Unrestricted Use Soil Cleanup Objective
Orange bold and shaded values exceed the Part 375 Restrictred Residential Use Soil Cleanup Objective

Notes
1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential Use SCOs

Table 4
Summary of Soil Sampling Results
Target Compound List Pesticides
37-10 Crescent Street
Queens, NY 11101

Sample ID	**NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use**	**NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential**	SB-1		SB-1		SB-1		SB-2		SB-2		SB-3		SB-3		SB-4		SB-4		SB-5		SB-5		SB-6		SB-6		SB-7		SB-7		SB-8		SB-8	
Lab Sample ID			14H0994-01		14H0994-02		14H0994-03		14H0993-01		14H0993-02		14H0993-03		14H0993-04		14H0994-04		14H0994-05		14H0994-06		14H0994-07		14H0994-08		14H0994-09		14H0993-05		14H0993-06		14H0993-07		14H0993-08	
Sampling Date			8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014	
Sample Depth(Feet)			0'-2'		6'-8'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'	
Dilution Factor			5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5		5	
Unit of Measure	(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)		(mg/Kg)	
4,4'-DDD	0.0033	13	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
4,4'-DDE	0.0033	8.9	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
4,4'-DDT	0.0033	7.9	0.00176	ND	**0.00482**	D	0.00168	ND	**0.00768**	D	0.00172	ND	0.0031	D	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00276	D	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Aldrin	0.005	0.097	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
alpha-BHC	0.02	0.48	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
beta-BHC	0.036	0.36	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Chlordane, total	NC	~	0.00704	ND	0.00721	ND	0.00673	ND	0.00729	ND	0.00688	ND	0.00703	ND	0.0068	ND	0.00738	ND	0.00676	ND	0.0073	ND	0.0068	ND	0.00705	ND	0.00684	ND	0.007	ND	0.00669	ND	0.00711	ND	0.00672	ND
delta-BHC	0.04	100	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Dieldrin	0.005	0.2	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Endosulfan I	2.4	24	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Endosulfan II	2.4	24	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Endosulfan sulfate	2.4	24	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Endrin	0.014	11	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Endrin aldehyde	NC	NC	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Endrin ketone	NC	NC	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
gamma-BHC (Lindane)	0.1	1.3	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Heptachlor	0.042	2.1	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Heptachlor epoxide	NC	NC	0.00176	ND	0.0018	ND	0.00168	ND	0.00182	ND	0.00172	ND	0.00176	ND	0.0017	ND	0.00184	ND	0.00169	ND	0.00182	ND	0.0017	ND	0.00176	ND	0.00171	ND	0.002	ND	0.00167	ND	0.00178	ND	0.00168	ND
Methoxychlor	NC	NC	0.0088	ND	0.00902	ND	0.00841	ND	0.00912	ND	0.0086	ND	0.00879	ND	0.0085	ND	0.00922	ND	0.00845	ND	0.00912	ND	0.0086	ND	0.00881	ND	0.00855	ND	0.009	ND	0.00837	ND	0.00889	ND	0.0084	ND
Toxaphene	NC	NC	0.0891	ND	0.0912	ND	0.0851	ND	0.0923	ND	0.087	ND	0.0889	ND	0.086	ND	0.0933	ND	0.0855	ND	0.0923	ND	0.0865	ND	0.0891	ND	0.0865	ND	0.09	ND	0.0847	ND	0.09	ND	0.085	ND

Legend
mg/kg - milligrams per kilograms
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)
D - Result from an analsis that required a dilution
Bold and shaded values exceed the Part 375 Unrestricted Use Soil Cleanup Objective

Notes
1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential Use SCOs

Table 5
Summary of Soil Sampling Results
Target Compound List PCB's
37-10 Crescent Street
Queens, NY 11101

Sample ID	**NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use**	**NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential**	SB-1		SB-1		SB-1		SB-2		SB-2		SB-3		SB-3		SB-4		SB-4		SB-5		SB-5		SB-6		SB-6		SB-7		SB-7		SB-8		SB-8	
Lab Sample ID			14H0994-01		14H0994-02		14H0994-03		14H0993-01		14H0993-02		14H0993-03		14H0993-04		14H0994-04		14H0994-05		14H0994-06		14H0994-07		14H0994-08		14H0994-09		14H0993-05		14H0993-06		14H0993-07		14H0993-08	
Sampling Date			8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/21/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014	
Sample Depth(Feet)			0'-2'		6'-8'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'		0'-2'		10'-12'	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
Unit of Measure	(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)		(mg/Kg)	
PCB's																																				
Aroclor-1016	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.0174	ND	0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.018	ND	0.017	ND
Aroclor-1221	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.0174	ND	0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.018	ND	0.017	ND
Aroclor-1232	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.0174	ND	0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.018	ND	0.017	ND
Aroclor-1242	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.0174	ND	0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.018	ND	0.017	ND
Aroclor-1248	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.0174	ND	0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.018	ND	0.017	ND
Aroclor-1254	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.0174	ND	0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.018	ND	0.017	ND
Aroclor-1260	NC	NC	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	0.171		0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	0.018	ND	0.0169	ND	0.0793		0.017	ND
Total PCBs	0.01	1	0.0178	ND	0.0182	ND	0.017	ND	0.0184	ND	**0.171**		0.0177	ND	0.0172	ND	0.0186	ND	0.0171	ND	0.0184	ND	0.0173	ND	0.0178	ND	0.0173	ND	**0.0404**		0.0169	ND	**0.0793**		0.017	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)
Bold and shaded values exceed the Part 375 Unrestricted Use Soil Cleanup Objective

Notes
1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

Table 6
Summary of Soil Sampling Results
Target Analyte List Metals
37-10 Crescent Street
Queens, NY 11101

Sample ID	**NYSDEC Part 375 Soil Cleanup Objective - Unrestricted Use**	**NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential**	SB-1	SB-1	SB-1	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8
Lab Sample ID			14H0994-01	14H0994-02	14H0994-03	14H0993-01	14H0993-02	14H0993-03	14H0993-04	14H0994-04	14H0994-05	14H0994-06	14H0994-07	14H0994-08	14H0994-09	14H0993-05	14H0993-06	14H0993-07	14H0993-08
Sampling Date			8/21/2014	8/21/2014	8/21/2014	8/22/2014	8/22/2014	8/22/2014	8/22/2014	8/21/2014	8/21/2014	8/21/2014	8/21/2014	8/21/2014	8/21/2014	8/22/2014	8/22/2014	8/22/2014	8/22/2014
Sample Depth (Feet)			0'-2'	6'-8'	10'-12'	0'-2'	10'-12'	0'-2'	10'-12'	0'-2'	10'-12'	0'-2'	10'-12'	0'-2'	10'-12'	0'-2'	10'-12'	0'-2'	10'-12'
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Unit of Measure	(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)	(mg/Kg)
Aluminum	NC	NC	5550	8800	3150	9550	6700	8040	3760	8320	3160	8520	7400	6110	3910	7250	2400	7840	2780
Antimony	NC	NC	1 ND	2.32	1 ND	1.77	0.521 ND	0.549	0.515 ND	0.612	0.512 ND	1.02	0.518 ND	1.03	0.518 ND	1.23	0.507 ND	1	0.509 ND
Arsenic	13	16	4	10.6	1.02 ND	5.71	2.68	4.89	1.03 ND	4.61	1.02 ND	6.49	2.98	7.73	1.46	6.74	1.37	4.97	1.02 ND
Barium	350	400	111	**447**	25.3	122	78.4	110	22.1	126	22.6	139	336	170	40.3	162	39.5	177	23.1
Beryllium	7.2	72	0 ND	0.109 ND	0.102 ND	0.111 ND	0.104 ND	0.107 ND	0.103 ND	0.112 ND	0.102 ND	0.111 ND	0.104 ND	0.107 ND	0.104 ND	0.108 ND	0.101 ND	0.108 ND	0.102 ND
Cadmium	2.5	4.3	0 ND	0.887	0.306 ND	0.332 ND	0.313 ND	0.32 ND	0.309 ND	0.335 ND	0.307 ND	0.332 ND	0.311 ND	0.799	0.311 ND	0.762	0.304 ND	0.323 ND	0.306 ND
Calcium	NC	NC	5,970	7750	4260	8260	27200	4410	667	8740	1040	17100	11500	11300	1100	9870	22600	16800	15700
Chromium	NC	NC	12	21.2	6.51	17.6	14.2	18.8	8.04	19.8	7.28	17.5	17.5	14.9	9.51	19.8	4.07	19.3	5.3
Chromium, Hexavalent	1	110	1 ND	0.546 ND	0.51 ND	0.553 ND	0.521 ND	0.533 ND	0.515 ND	0.559 ND	0.512 ND	0.553 ND	0.518 ND	0.534 ND	0.518 ND	0.54 ND	0.507 ND	0.539 ND	0.509 ND
Chromium, Trivalent	30	180	12	19.4	6.39	15.9	13.7	17.6	7.81	17.7	7.11	15.8	16.9	13.9	9.17	18.4	4.02	17.9	5.21
Cobalt	NC	NC	5	7.36	4	6.65	5.87	6.79	3.85	8.07	4.27	6.5	6.68	5.01	4.97	7.07	2.69	8	3.42
Copper	50	270	41	**73.9**	8.19	48	24.3	47.3	8.03	**53**	10.5	**63.1**	24	**60.6**	14.5	**76.3**	7.39	**53.9**	8.36
Iron	NC	NC	11,300	19700	7280	15600	12000	14400	7680	16800	7820	15100	13200	12100	9770	28700	6440	18000	6620
Lead	63	400	**141**	**1460**	3.8	**210**	**81.5**	**204**	2.38	**185**	2.65	**360**	54.1	**332**	3.39	**284**	2.13	**233**	2.18
Magnesium	NC	NC	3,660	3230	3720	4040	12000	3020	2050	3490	1860	3200	4900	2660	2240	3730	10100	8060	8390
Manganese	1600	2000	230	319	221	286	314	318	325	324	257	293	287	247	413	323	301	280	214
Mercury	0.18	0.81	0	0.246	0 ND	0.137	0.0835	0.136	0.0309 ND	0.207	0.0307 ND	0.213	0.0594	0.11	0.0311 ND	0.195	0.0304 ND	0 ND	0.0306 ND
Nickel	30	310	14	22.2	9.56	20.2	15.9	21.2	9.43	20.7	10.4	19.8	17.5	15.6	11.7	25.3	7.56	21.8	8.38
Potassium	NC	NC	716	904	783	1050	1040	1180	821	1010	631	1180	1280	766	503	1080	543	1660	619
Selenium	3.9	180	1	2.38	1.02 ND	1.11 ND	1.04 ND	1.5	1.03 ND	1.35	1.02 ND	1.37	1.04 ND	1.33	1.04 ND	1.09	1.01 ND	1.49	1.02 ND
Silver	2	180	1 ND	0.546 ND	0.51 ND	0.553 ND	0.521 ND	0.533 ND	0.515 ND	0.559 ND	0.512 ND	0.553 ND	0.518 ND	0.534 ND	0.518 ND	0.54 ND	0.507 ND	0.539 ND	0.509 ND
Sodium	NC	NC	147	99	93.9	639	540	145	54.7	234	88.3	244	242	1290	78	191	113	225	79.5
Thallium	NC	NC	1 ND	1 ND	1.02 ND	1.11 ND	1.04 ND	1.07 ND	1.03 ND	1.12 ND	1.02 ND	1.11 ND	1.04 ND	1.07 ND	1.04 ND	1.08 ND	1.01 ND	1.08 ND	1.02 ND
Vanadium	NC	NC	21	30.7	12.4	27.2	24.8	28.7	10.3	26.7	14.9	25	22.3	24.3	17.1	25.8	7.07	33.5	9.34
Zinc	109	10000	**174**	**1460**	15.9	**200**	61.2	**238**	17.5	**185**	18	**188**	56.4	**307**	23.3	**1410**	15.6	**173**	15.7

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected at or above the indicated (reporting limit, method detection limit)
Bold and shaded values exceed the Part 375 Unrestricted Use Soil Cleanup Objective
Orange Bold and shaded values exceed the Part 375 Restricted Use Soil Cleanup Objectives-Residential

Notes
1. Evaluation criteria for soil sample results is the NYSDEC Part 375 Value for Unrestricted Use Soil Cleanup Objectives and Restricted Residential SCOs

Table 7
Summary of Groundwater Sampling Results
Target Compound List VOCs
37-10 Crescent Street
Queens, NY 11101

Sample ID	**NYSDEC Class GA Groundwater Standard/Guidance Value**	MW-1		MW-2		MW-3		Trip Blank	
Lab Sample ID		14H1087-01		14H1087-02		14H1087-03		14H1087-04	
Date Sampled		8/25/2014		8/25/2014		8/25/2014		8/25/2014	
Dilution Factor		1.0		1.0		1.0		1.0	
Unit of Measure	(ug/L)	(ug/L)		(ug/L)		(ug/L)		(ug/L)	
1,1,1,2-Tetrachloroethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,1,1-Trichloroethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,1,2,2-Tetrachloroethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,1,2-Trichloroethane	1	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,1-Dichloroethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,1-Dichloroethylene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2,4-Trichlorobenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2,4-Trimethylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2-Dibromo-3-chloropropane	0.04	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2-Dibromoethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2-Dichlorobenzene	3	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2-Dichloroethane	0.6	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,2-Dichloropropane	1	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,3,5-Trimethylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,3-Dichlorobenzene	3	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,4-Dichlorobenzene	3	0.2	ND	0.2	ND	0.2	ND	0.2	ND
1,4-Dioxane	NC	40	ND	40	ND	40	ND	40	ND
2-Butanone	50	0.5	ND	0.5	ND	0.5	ND	0.5	ND
2-Hexanone	50	0.2	ND	0.2	ND	0.2	ND	0.2	ND
4-Methyl-2-pentanone	NC	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Acetone	50	2	B	4.7	B	1	ND	8.3	B
Acrolein	NC	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Acrylonitrile	NC	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Benzene	1	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Bromodichloromethane	50	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Bromoform	50	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Bromomethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Carbon disulfide	NC	0.33	J	0.2	ND	0.2	ND	0.2	ND
Carbon tetrachloride	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Chlorobenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Chloroethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Chloroform	7	1.4		1.7		1.9		0.2	ND
Chloromethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
cis-1,2-Dichloroethylene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
cis-1,3-Dichloropropylene	0.4	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Dibromochloromethane	50	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Dibromomethane	NC	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Dichlorodifluoromethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Ethyl Benzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Hexachlorobutadiene	0.5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Isopropylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Methyl acetate	NC	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Methyl tert-butyl ether (MTBE)	10	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Methylene chloride	5	1	ND	1	ND	1	ND	1	ND
n-Butylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
n-Propylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
o-Xylene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
p- & m- Xylenes	5	0.5	ND	0.5	ND	0.5	ND	0.5	ND
p-Isopropyltoluene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
sec-Butylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Styrene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
tert-Butyl alcohol (TBA)	NC	0.5	ND	0.5	ND	0.5	ND	0.5	ND
tert-Butylbenzene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Tetrachloroethylene	5	3.8		4.4		4.1		0.2	ND
Toluene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
trans-1,2-Dichloroethylene	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
trans-1,3-Dichloropropylene	0.4	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Trichloroethylene	5	0.37	J	0.38	J	0.43	J	0.2	ND
Trichlorofluoromethane	5	0.2	ND	0.2	ND	0.2	ND	0.2	ND
Vinyl Chloride	2	0.5	ND	0.5	ND	0.5	ND	0.5	ND
Xylenes, Total	5	0.6	ND	0.6	ND	0.6	ND	0.6	ND

Legend
µg/L - micrograms per liter
ND - Non-Detect-concentration less than the minimum detection limit.
NC - No evaluation criterion for analytical parameter
B - analyte found in the analysis batch blank
J - estimated value

Notes
1. The groundwater evaluation criteria is the applicable NYSDEC Class GA Groundwater Standard and/or Guidance Value

Table 8
Groundwater Sampling Results
Target Compound List SVOCs
37-10 Crescent Street
Queens, NY 11101

Sample ID	**NYSDEC Class GA Groundwater Standard/Guidance Value**	MW-1		MW-2		MW-3	
Lab Sample ID		14H1087-01		14H1087-02		14H1087-03	
Date Sampled		8/25/2014		8/25/2014		8/25/2014	
Dilution Factor		1.0		1.0		1.0	
Unit of Measure	(ug/L)	(ug/L)		(ug/L)		(ug/L)	
1,1'-Biphenyl	NC	2.7	ND	2.63	ND	2.56	ND
1,2,4,5-Tetrachlorobenzene	NC	2.7	ND	2.63	ND	2.56	ND
1,2,4-Trichlorobenzene	**5**	2.7	ND	2.63	ND	2.56	ND
1,2-Dichlorobenzene	3	2.7	ND	2.63	ND	2.56	ND
1,2-Diphenylhydrazine (as Azobenzene)	NC	2.7	ND	2.63	ND	2.56	ND
1,3-Dichlorobenzene	3	2.7	ND	2.63	ND	2.56	ND
1,4-Dichlorobenzene	**3**	2.7	ND	2.63	ND	2.56	ND
2,3,4,6-Tetrachlorophenol	NC	2.7	ND	2.63	ND	2.56	ND
2,4,5-Trichlorophenol	1	2.7	ND	2.63	ND	2.56	ND
2,4,6-Trichlorophenol	1	2.7	ND	2.63	ND	2.56	ND
2,4-Dichlorophenol	5	2.7	ND	2.63	ND	2.56	ND
2,4-Dimethylphenol	50	2.7	ND	2.63	ND	2.56	ND
2,4-Dinitrophenol	10	2.7	ND	2.63	ND	2.56	ND
2,4-Dinitrotoluene	5	2.7	ND	2.63	ND	2.56	ND
2,6-Dinitrotoluene	5	2.7	ND	2.63	ND	2.56	ND
2-Chloronaphthalene	10	2.7	ND	2.63	ND	2.56	ND
2-Chlorophenol	1	2.7	ND	2.63	ND	2.56	ND
2-Methylnaphthalene	NC	2.7	ND	2.63	ND	2.56	ND
2-Methylphenol	1	2.7	ND	2.63	ND	2.56	ND
2-Nitroaniline	5	2.7	ND	2.63	ND	2.56	ND
2-Nitrophenol	1	2.7	ND	2.63	ND	2.56	ND
3- & 4-Methylphenols	NC	2.7	ND	2.63	ND	2.56	ND
3,3'-Dichlorobenzidine	5	2.7	ND	2.63	ND	2.56	ND
3-Nitroaniline	5	2.7	ND	2.63	ND	2.56	ND
4,6-Dinitro-2-methylphenol	NC	2.7	ND	2.63	ND	2.56	ND
4-Bromophenyl phenyl ether	NC	2.7	ND	2.63	ND	2.56	ND
4-Chloro-3-methylphenol	1	2.7	ND	2.63	ND	2.56	ND
4-Chloroaniline	5	2.7	ND	2.63	ND	2.56	ND
4-Chlorophenyl phenyl ether	NC	2.7	ND	2.63	ND	2.56	ND
4-Nitroaniline	5	2.7	ND	2.63	ND	2.56	ND
4-Nitrophenol	1	2.7	ND	2.63	ND	2.56	ND
Acenaphthene	20	0.0541	ND	0.0526	ND	0.0513	ND
Acenaphthylene	NC	0.0541	ND	0.0526	ND	0.0513	ND
Acetophenone	NC	2.7	ND	2.63	ND	2.56	ND
Aniline	5	2.7	ND	2.63	ND	2.56	ND
Anthracene	50	0.0541	ND	0.0526	ND	0.0513	ND
Atrazine	NC	0.541	ND	0.526	ND	0.513	ND
Benzaldehyde	NC	2.7	ND	2.63	ND	2.56	ND
Benzidine	NC	10.8	ND	10.5	ND	10.3	ND
Benzo(a)anthracene	0.002	0.0541	ND	0.0526	ND	0.0513	ND
Benzo(a)pyrene	0.002	0.0541	ND	0.0526	ND	0.0513	ND
Benzo(b)fluoranthene	0.002	0.0541	ND	0.0526	ND	0.0513	ND
Benzo(g,h,i)perylene	NC	0.0541	ND	0.0526	ND	0.0513	ND
Benzo(k)fluoranthene	0.002	0.0541	ND	0.0526	ND	0.0513	ND
Benzoic acid	NC	27	ND	26.3	ND	25.6	ND
Benzyl alcohol	NC	2.7	ND	2.63	ND	2.56	ND
Benzyl butyl phthalate	50	2.7	ND	2.63	ND	2.56	ND
Bis(2-chloroethoxy)methane	5	2.7	ND	2.63	ND	2.56	ND
Bis(2-chloroethyl)ether	1	2.7	ND	2.63	ND	2.56	ND
Bis(2-chloroisopropyl)ether	5	2.7	ND	2.63	ND	2.56	ND
Bis(2-ethylhexyl)phthalate	5	1.37		3.83		0.995	
Caprolactam	NC	2.7	ND	2.63	ND	2.56	ND
Carbazole	NC	2.7	ND	2.63	ND	2.56	ND
Chrysene	0.002	0.0541	ND	0.0526	ND	0.0513	ND
Dibenzo(a,h)anthracene	NC	0.0541	ND	0.0526	ND	0.0513	ND
Dibenzofuran	NC	2.7	ND	2.63	ND	2.56	ND
Diethyl phthalate	50	2.7	ND	2.63	ND	2.56	ND
Dimethyl phthalate	50	2.7	ND	2.63	ND	2.56	ND
Di-n-butyl phthalate	50	2.7	ND	2.63	ND	2.56	ND
Di-n-octyl phthalate	50	2.7	ND	2.63	ND	2.56	ND
Fluoranthene	50	0.0541	ND	0.0526	ND	0.0513	ND
Fluorene	50	0.0541	ND	0.0526	ND	0.0513	ND
Hexachlorobenzene	0.04	0.0216	ND	0.0211	ND	0.0205	ND
Hexachlorobutadiene	0.5	0.541	ND	0.526	ND	0.513	ND
Hexachlorocyclopentadiene	5	2.7	ND	2.63	ND	2.56	ND
Hexachloroethane	5	0.541	ND	0.526	ND	0.513	ND
Indeno(1,2,3-cd)pyrene	0.002	0.0541	ND	0.0526	ND	0.0513	ND
Isophorone	50	2.7	ND	2.63	ND	2.56	ND
Naphthalene	10	0.335		0.947		0.154	
Nitrobenzene	0.4	0.27	ND	0.263	ND	0.256	ND
N-Nitrosodimethylamine	NC	0.541	ND	0.526	ND	0.513	ND
N-nitroso-di-n-propylamine	NC	2.7	ND	2.63	ND	2.56	ND
N-Nitrosodiphenylamine	50	2.7	ND	2.63	ND	2.56	ND
Pentachlorophenol	1	0.27	ND	0.263	ND	0.256	ND
Phenanthrene	50	0.0541	ND	0.0526	ND	0.0513	ND
Phenol	1	2.7	ND	2.63	ND	2.56	ND
Pyrene	50	0.0541	ND	0.0526	ND	0.0513	ND

Legend
µg/L - micrograms per liter
ND - Non-detect - Concentration less than the minimum detection limit.
NC - No evaluation criterion for analytical parameter

Notes
1. The groundwater evaluation criteria is the applicable NYSDEC Class GA Groundwater Standard and/or Guidance Value

Table 9
Summary of Groundwater Sampling Results
Target Compound List PCBs and Pesticides
37-10 Crescent Street
Queens, NY 11101

Sample ID **Lab Sample ID** **Date Sampled** **Dilution Factor** **Unit of Measure**	**NYSDEC Class GA Groundwater Standard/Guidance Value** (ug/L)	MW-1 14H1087-01 8/25/2014 1.0 (ug/L)		MW-2 14H1087-02 8/25/2014 1.0 (ug/L)		MW-3 14H1087-03 8/25/2014 1.0 (ug/L)	
PESTICIDES							
4,4'-DDD	0.3	0.00432	ND	0.00421	ND	0.0041	ND
4,4'-DDE	0.2	0.00432	ND	0.00421	ND	0.0041	ND
4,4'-DDT	0.2	0.00432	ND	0.00421	ND	0.0041	ND
Aldrin	NC	0.00432	ND	0.00421	ND	0.0041	ND
alpha-BHC	0.01	0.00432	ND	0.00421	ND	0.0041	ND
alpha-Chlordane	NC	0.00432	ND	0.00421	ND	0.0041	ND
beta-BHC	0.04	0.00432	ND	0.00421	ND	0.0041	ND
Chlordane, total	0.05	0.0432	ND	0.0421	ND	0.041	ND
delta-BHC	0.04	0.00432	ND	0.00421	ND	0.0041	ND
Dieldrin	0.004	0.00216	ND	0.00211	ND	0.00205	ND
Endosulfan I	NC	0.00432	ND	0.00421	ND	0.0041	ND
Endosulfan II	NC	0.00432	ND	0.00421	ND	0.0041	ND
Endosulfan sulfate	NC	0.00432	ND	0.00421	ND	0.0041	ND
Endrin	NC	0.00432	ND	0.00421	ND	0.0041	ND
Endrin aldehyde	5	0.0108	ND	0.0105	ND	0.0103	ND
Endrin ketone	5	0.0108	ND	0.0105	ND	0.0103	ND
gamma-BHC (Lindane)	0.05	0.00432	ND	0.00421	ND	0.0041	ND
gamma-Chlordane	NC	0.0108	ND	0.0105	ND	0.0103	ND
Heptachlor	0.04	0.00432	ND	0.00421	ND	0.0041	ND
Heptachlor epoxide	0.03	0.00432	ND	0.00421	ND	0.0041	ND
Methoxychlor	35	0.00432	ND	0.00421	ND	0.0041	ND
Toxaphene	0.06	0.108	ND	0.105	ND	0.103	ND
POLYCLORINATED BIPHENYLS (PCBs)							
Aroclor 1016	NC	0.0541	ND	0.0526	ND	0.0513	ND
Aroclor 1221	NC	0.0541	ND	0.0526	ND	0.0513	ND
Aroclor 1232	NC	0.0541	ND	0.0526	ND	0.0513	ND
Aroclor 1242	NC	0.0541	ND	0.0526	ND	0.0513	ND
Aroclor 1248	NC	0.0541	ND	0.0526	ND	0.0513	ND
Aroclor 1254	NC	0.0541	ND	0.0526	ND	0.0513	ND
Aroclor 1260	NC	0.0541	ND	0.0526	ND	0.0513	ND
Total PCBs	0.09	0.0541	ND	0.0526	ND	0.0513	ND

Legend
µg/L - micrograms per liter
ND - Non-Detect - Concentration less than the minimum detection limit.
NC - No evaluation criterion for analytical parameter

Notes
1. The groundwater evaluation criteria is the applicable NYSDEC Class GA Groundwater Standard and/or Guidance Value

Table 10
Summary of Groundwater Sampling Results
Total Levels of Target Analyte List Metals
37-10 Crescent Street
Queens, NY 11101

Sample ID **Lab Sample ID** **Date Sampled** **Dilution Factor** **Unit of Measure**	**NYSDEC Class GA Groundwater Standard/Guidance Value** (ug/L)	MW-1 14H1087-01 8/25/2014 1.0 (ug/L)		MW-2 14H1087-02 8/25/2014 1.0 (ug/L)		MW-3 14H1087-03 8/25/2014 1.0 (ug/L)	
Aluminum	NC	90,100		23400		5,010	
Antimony	3	**6**		**5**	ND	**5**	ND
Arsenic	25	15		8		4	ND
Barium	1000	**2190**		599		263	
Beryllium	3	**5**		1	ND	1	ND
Cadmium	5	3	ND	3	ND	3	ND
Calcium	NC	159000		119000		121000	
Chromium	50	**723**		49		20	
Cobalt	NC	233		50		12	
Copper	200	**842**		188		29	
Iron	NC	241000		54600		11800	
Lead	25	**218**		**43**		10	
Magnesium	35000	**95900**		**49300**		**40200**	
Manganese	300	**23500**		**5380**		**2140**	
Mercury	0.7	0.2	ND	0.2	ND	0.2	ND
Nickel	100	**528**		91		33	
Potassium	NC	28400		9760		6050	
Selenium	10	**22**		10	ND	10	ND
Silver	50	5	ND	5	ND	5	ND
Sodium	20000	**84300**		**104000**		**153000**	
Thallium	NC	5	ND	5	ND	5	ND
Vanadium	NC	247		87		16	
Zinc	2000	615		190		45	

Legend
µg/L - micrograms per liter
ND - Non-Detect - Concentration less than the minimum detection limit.
NC - No evaluation criterion for analytical parameter
Bold and shaded value exceeds the New York State Class GA Groundwater Standard/Guidance Value for the indicated parameter

Notes
1. The groundwater evaluation criteria is the applicable NYSDEC Class GA Groundwater Standard and/or Guidance Value

Table 11
Summary of Groundwater Sampling Results
Dissolved Target Analyte List Metals
37-10 Crescent Street
Queens, NY 11101

Sample ID **Lab Sample ID** **Date Sampled** **Dilution Factor** **Unit of Measure**	**NYSDEC Class GA Groundwater Standard/Guidance Value** (ug/L)	MW-1 14H1087-01 8/25/2014 1.0 (ug/L)		MW-2 14H1087-02 8/25/2014 1.0 (ug/L)		MW-3 14H1087-03 8/25/2014 1.0 (ug/L)	
Aluminum	NC	10	ND	10	ND	26	
Antimony	3	**5**	ND	**5**	ND	**5**	ND
Arsenic	25	4	ND	4	ND	4	ND
Barium	1000	117		114		161	
Beryllium	3	1	ND	1	ND	1	ND
Cadmium	5	3	ND	3	ND	3	ND
Calcium	NC	103000		106000		117000	
Chromium	50	5	ND	5	ND	5	ND
Chromium, Hexavalent	50	10	ND	10	ND	10	ND
Chromium, Trivalent	NC	723		49		20	
Cobalt	NC	5	ND	5	ND	5	ND
Copper	200	3	ND	3	ND	3	ND
Iron	NC	20	ND	20	ND	20	ND
Lead	25	3	ND	3	ND	3	ND
Magnesium	35000	**36100**		34900		**36600**	
Manganese	300	**3080**		274		**974**	
Mercury	0.7	0.2	ND	0.2	ND	0.2	ND
Nickel	100	13		5	ND	7	
Potassium	NC	5880		4510		4510	
Selenium	10	10	ND	10	ND	10	ND
Silver	50	5	ND	5	ND	5	ND
Sodium	20000	**76300**		**98100**		**146000**	
Thallium	NC	5	ND	5	ND	5	ND
Vanadium	NC	10	ND	10	ND	10	ND
Zinc	2000	10	ND	10	ND	10	ND

Legend

µg/L - micrograms per liter

ND- Non-Detect - Concentration less than the minimum detection limit.

NC - No evaluation criterion for analytical parameter

Bold and shaded value exceeds the New York State Class GA Groundwater Standard/Guidance Value for the indicated parameter

Notes

1. The groundwater evaluation criteria is the applicable NYSDEC CLass GA Groundwater Standard and/or Guidance Value

Table 12
Soil Vapor Sampling Results
Target Compound List Volatile Organic Compounds
37-10 Crescent Street,
Queens, New york 11101

Sample ID	Soil Vapor Evaluation Criteria	SV-1 (Y58)		SV-2 (S02)		SV-3 (#26)		SV-4 (Y1127)		SV-5 (S23)	
Lab Sample ID		14H0966-01		14H0966-02		14H0966-03		14H0966-04		14H0966-05	
Sampling Date		8/22/2014		8/22/2014		8/22/2014		8/22/2014		8/22/2014	
Dilution Factor		24.59		29.6		53.625		25.2		23.44	
Sample Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Unit of Measure		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
1,1,1-Trichloroethane	1000	13	ND	16	ND	27	D	14	D	13	ND
1,1,2,2-Tetrachloroethane	NC	17	ND	20	ND	15	ND	17	ND	16	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	19	ND	23	ND	16	ND	19	ND	18	ND
1,1,2-Trichloroethane	NC	13	ND	16	ND	12	ND	14	ND	13	ND
1,1-Dichloroethane	NC	10	ND	12	ND	8.70	ND	10	ND	9.50	ND
1,1-Dichloroethylene	NC	9.70	ND	12	ND	8.50	ND	10	ND	9.30	ND
1,2,4-Trichlorobenzene	NC	18	ND	22	ND	16	ND	19	ND	17	ND
1,2,4-Trimethylbenzene	NC	21	D	22	D	22	D	12	D	20	D
1,2-Dibromoethane	NC	19	ND	23	ND	16	ND	19	ND	18	ND
1,2-Dichlorobenzene	NC	15	ND	18	ND	13	ND	15	ND	14	ND
1,2-Dichloroethane	NC	10	ND	12	ND	8.70	ND	10	ND	9.50	ND
1,2-Dichloropropane	NC	11	ND	14	ND	9.90	ND	12	ND	11	ND
1,2-Dichlorotetrafluoroethane	NC	17	ND	21	ND	15	ND	18	ND	16	ND
1,3,5-Trimethylbenzene	NC	12	ND	15	ND	11	ND	12	ND	12	ND
1,3-Butadiene	NC	11	ND	13	ND	9.30	ND	11	ND	10	ND
1,3-Dichlorobenzene	NC	15	ND	18	ND	13	ND	15	ND	14	ND
1,4-Dichlorobenzene	NC	15	ND	18	ND	13	ND	15	ND	14	ND
1,4-Dioxane	NC	8.90	ND	11	ND	7.70	ND	9.10	ND	8.40	ND
2-Butanone	NC	7.30	ND	8.70	ND	8.20	D	7.40	ND	6.90	ND
2-Hexanone	NC	20	ND	24	ND	18	ND	21	ND	19	ND
4-Methyl-2-pentanone	NC	10	ND	12	ND	8.80	ND	10	ND	9.60	ND
Acetone	NC	72	D	71	D	87	D	160	D	58	D
Benzene	NC	7.90	ND	9.50	ND	6.90	ND	8.10	ND	7.50	ND
Benzyl chloride	NC	13	ND	15	ND	11	ND	13	ND	12	ND
Bromodichloromethane	NC	15	ND	18	ND	13	ND	16	ND	15	ND
Bromoform	NC	25	ND	31	ND	22	ND	26	ND	24	ND
Bromomethane	NC	9.50	ND	11	ND	8.30	ND	9.80	ND	9.10	ND
Carbon disulfide	NC	7.70	ND	9.20	ND	6.70	ND	7.80	D	7.30	ND
Carbon tetrachloride	250	3.90	ND	4.70	ND	3.40	ND	4	ND	3.70	ND
Chlorobenzene	NC	11	ND	14	ND	9.90	ND	12	ND	11	ND
Chloroethane	NC	6.50	ND	7.80	ND	5.70	ND	6.60	ND	6.20	ND
Chloroform	NC	14	D	69	D	39	D	36	D	41	D
Chloromethane	NC	5.10	ND	6.10	ND	4.40	ND	5.20	ND	4.80	ND
cis-1,2-Dichloroethylene	NC	9.70	ND	12	ND	8.50	ND	10	ND	9.30	ND
cis-1,3-Dichloropropylene	NC	11	ND	13	ND	9.70	ND	11	ND	11	ND
Cyclohexane	NC	8.50	ND	10	ND	7.40	ND	8.70	ND	8.10	ND
Dibromochloromethane	NC	20	ND	24	ND	17	ND	20	ND	19	ND
Dichlorodifluoromethane	NC	12	ND	22	D	8,700	D	810	D	88	D
Ethyl acetate	NC	18	ND	21	ND	15	ND	18	ND	17	ND
Ethyl Benzene	NC	13	D	13	ND	40	D	11	D	10	D
Hexachlorobutadiene	NC	26	ND	32	ND	23	ND	27	ND	25	ND
Isopropanol	NC	12	ND	15	ND	11	D	16	D	14	D
Methyl Methacrylate	NC	10	ND	12	ND	8.80	ND	10	ND	9.60	ND
Methyl tert-butyl ether (MTBE)	NC	8.90	ND	11	ND	7.70	ND	9.10	ND	8.40	ND
Methylene chloride	NC	17	ND	21	ND	49	D	18	ND	16	ND
n-Heptane	NC	10	ND	12	ND	8.80	ND	10	ND	9.60	ND
n-Hexane	NC	8.70	ND	10	ND	21	D	8.90	ND	8.30	ND
o-Xylene	NC	18	D	17	D	19	D	14	D	15	D
p- & m- Xylenes	NC	48	D	44	D	42	D	38	D	40	D
p-Ethyltoluene	NC	18	D	20	D	19	D	12	D	16	D
Propylene	NC	4.20	ND	5.10	ND	3.70	ND	4.30	ND	4	ND
Styrene	NC	10	ND	13	ND	37	D	11	ND	10	ND
Tetrachloroethylene	1000	85	D	350	D	370	D	130	D	270	D
Tetrahydrofuran	NC	7.30	ND	8.70	ND	6.30	ND	7.40	ND	6.90	ND
Toluene	NC	44	D	36	D	19	D	43	D	34	D
trans-1,2-Dichloroethylene	NC	9.70	ND	12	ND	8.50	ND	10	ND	9.30	ND
trans-1,3-Dichloropropylene	NC	11	ND	13	ND	9.70	ND	11	ND	11	ND
Trichloroethylene	250	3.30	ND	21	D	27	D	11	D	13	D
Trichlorofluoromethane (Freon 11)	NC	14	ND	45	D	4,000	D	2,000	D	230	D
Vinyl acetate	NC	8.70	ND	10	ND	7.60	ND	8.90	ND	8.30	ND
Vinyl Chloride	NC	3.10	ND	3.80	ND	2.70	ND	3.20	ND	3	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected at or above the level indicated
D - Result is from an analysis that required a dilution
Shaded bold values are detected compounds that exceed the evaluation criteria

Note
Evaluation criteria for soil vapor is the sub-slub vapor concentration for the Matrix 1 and Matrix 2 compounds presented in the NYSDOH Soil Vapor Intrusion Guidance document dated October 2006

APPENDICES

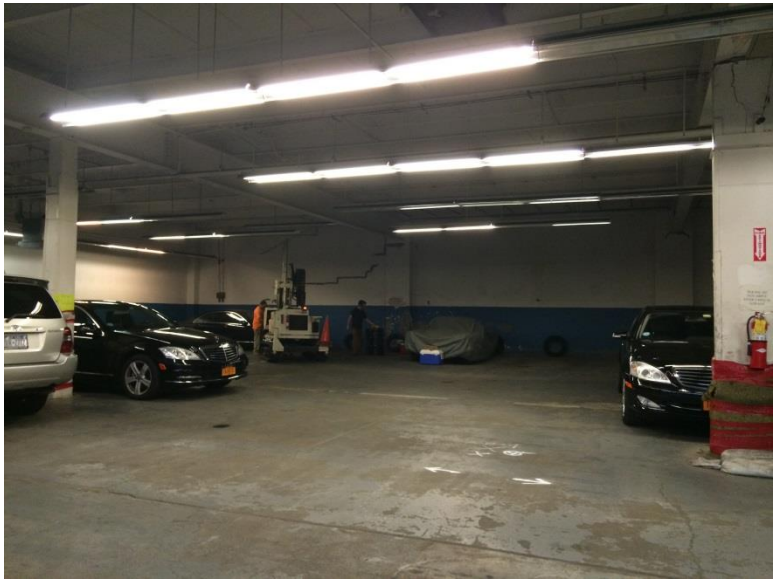
APPENDIX A

PHASE I ESA REPORT

(submitted previously)

APPENDIX B

PHOTOGRAPHS



Geoprobe
6620DT

APPENDIX C

GEOPHYSICAL SURVEY

Monday, September 15, 2014

Athenica Environmental Services
45-09 Greenpoint Avenue
Long Island City, New York 11104
Attn: ***Ezgi Karayel***
Phone: 718-784-7490

Re: GPR Investigation and Inspection of Utilities – 37-10 Crescent Street Long Island City, NY

Ms. Karayel

I appreciate the opportunity to work with you and the Athenica Environmental Services Company. All things considered I am pleased with the results of our survey from Thursday 8.21.14.

Ground penetrating radar was used to inspect and locate all underground utilities at the address listed above around 13 soil boring locations. The location was surveyed to locate any utilities that may be in the area prior to the drilling process. The purpose of this survey was to simply, locate all underground utilities to avoid any of them being struck during the drilling process.

On the following pages you will find information regarding the equipment we used, the survey process executed on site, and information on the results of the survey. Additionally, you will find photos of the areas surveyed for reference.

Equipment:

We used a GSSI (Geophysical Survey Systems, Inc) Ground Penetrating Radar Unit with one specific antenna. The GPR head unit is classified as a SIR-3000. The antenna used on this project was a 400MHz antenna which is capable of reaching depths between 5'-7' in the Tri-State Area. This specific antenna was created and calibrated specifically for locating underground utilities, UST's, and other underground anomalies. This equipment represents the latest technology available from GSSI. We have found the typical accuracy when surveying with the 400MHz antenna to be +/- 3" to the center of the object being located.

When determining the depth of an object GPR generally has a 10% margin of error. Please keep in mind that these statistics are based on ideal concrete conditions and may not necessarily reflect the findings from your project.

Ken Williams
Ground Penetrating Radar Systems
(718)744-4246
Ken.williams@gp-radar.com

Finally, we also use an electro-magnetic tone locating device manufactured by Radio Detection. The specific model that we use on projects is an RD-7000. This device detects live power and RF signals underground, allowing us to locate electrical or telephone lines even if they are below the minimum size requirements to be detected by GPR. It also allows us to detect utilities via induction or conduction with an exposed or known surface of the utility.

Survey Process/Results:

We covered all areas requested in the scope noted above in a grid pattern (North-South and East-West). Scans were placed on 4-5' centers in the areas scanned. This allows us the maximum amount of coverage. We then surveyed and marked any anomalies on the surface using typical spray marking paint. If and when utilities were discovered their path was painted directly on the surface. It is our estimate that we were able to penetrate to a depth of 6' on this project. In the area along the front portion of the parking lot entrance, it is our estimate that we were only able to penetrate to a depth of 2' down in some areas because of the tight mesh in the concrete was blocking the radar. Soring boring locations 9 and 10 were moved out of this area. Additionally, we then used the Rd-7000 to mark any signals we picked up running in or below the slab.

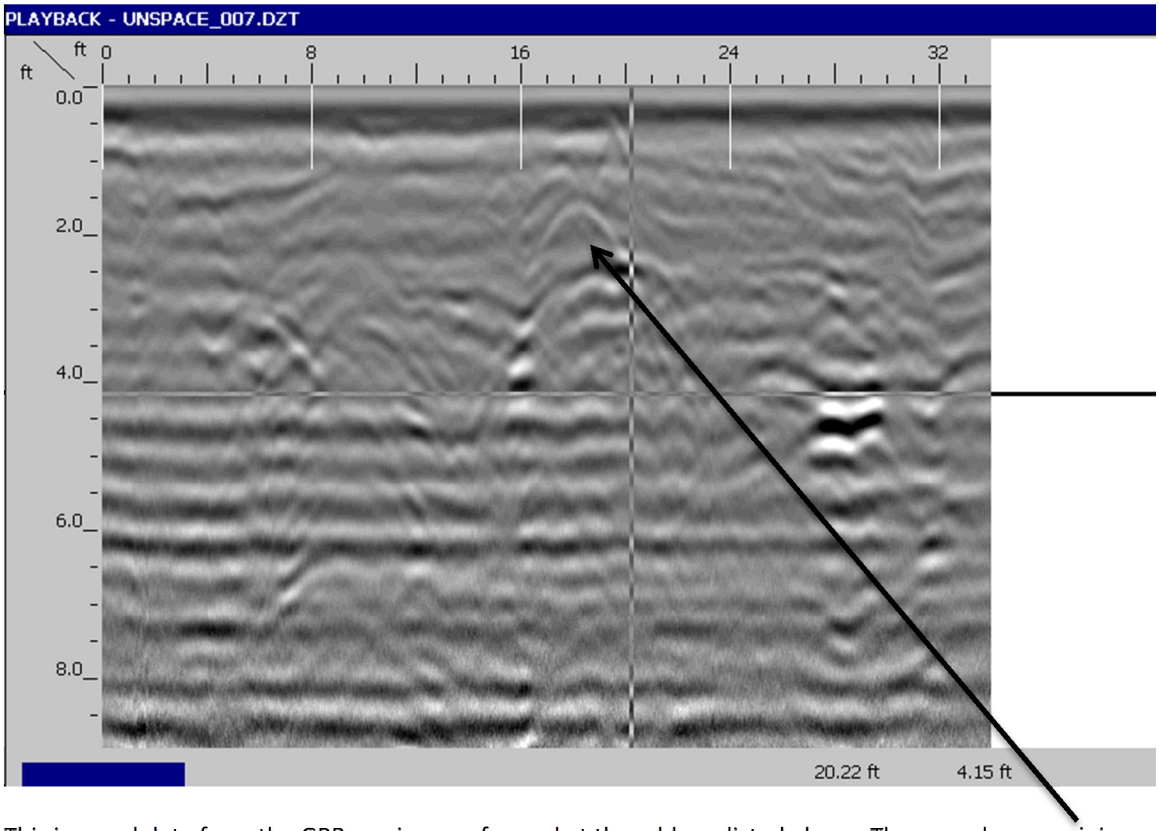
Conclusion:

The results above are based on the field findings from the relatively simple survey conducted. Again, restating the findings, each utility was marked out on the surface using spray paint directly on surface.

Some areas were difficult to survey because there is a lot of steel in the concrete along the entrance. The white markings indicate where utilities were detected. On the following pages I have included pictures of the areas detailed and discussed above showing the areas surveyed for the utilities. If you have any questions regarding this inspection please do not hesitate to contact me. Thanks again for the opportunity and let us know if we can assist you in the future.

Regards,

Ken Williams
Ground Penetrating Radar Systems, Inc.
(718)744-4246
ken.williams@gp-radar.com
www.gp-radar.com



This is saved data from the GPR services performed at the address listed above. The scan shows a piping running below the lab.

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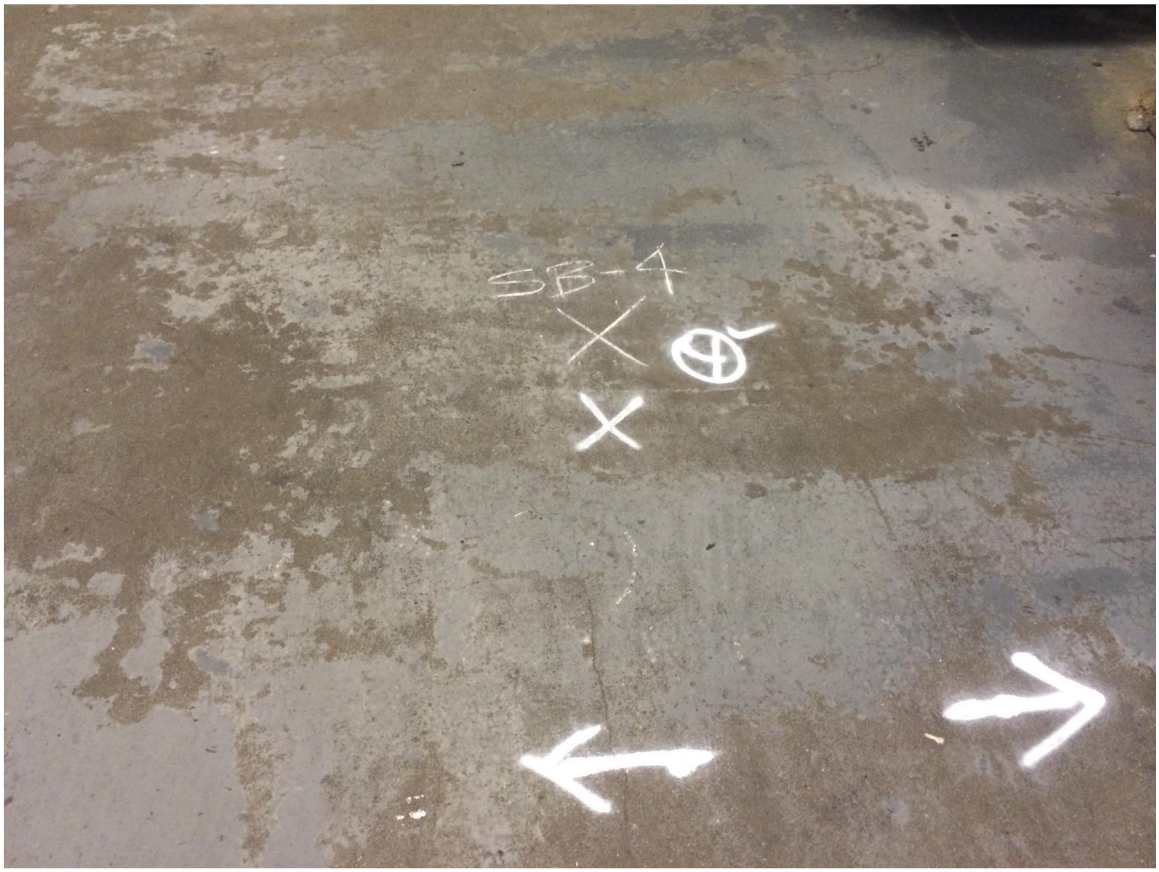

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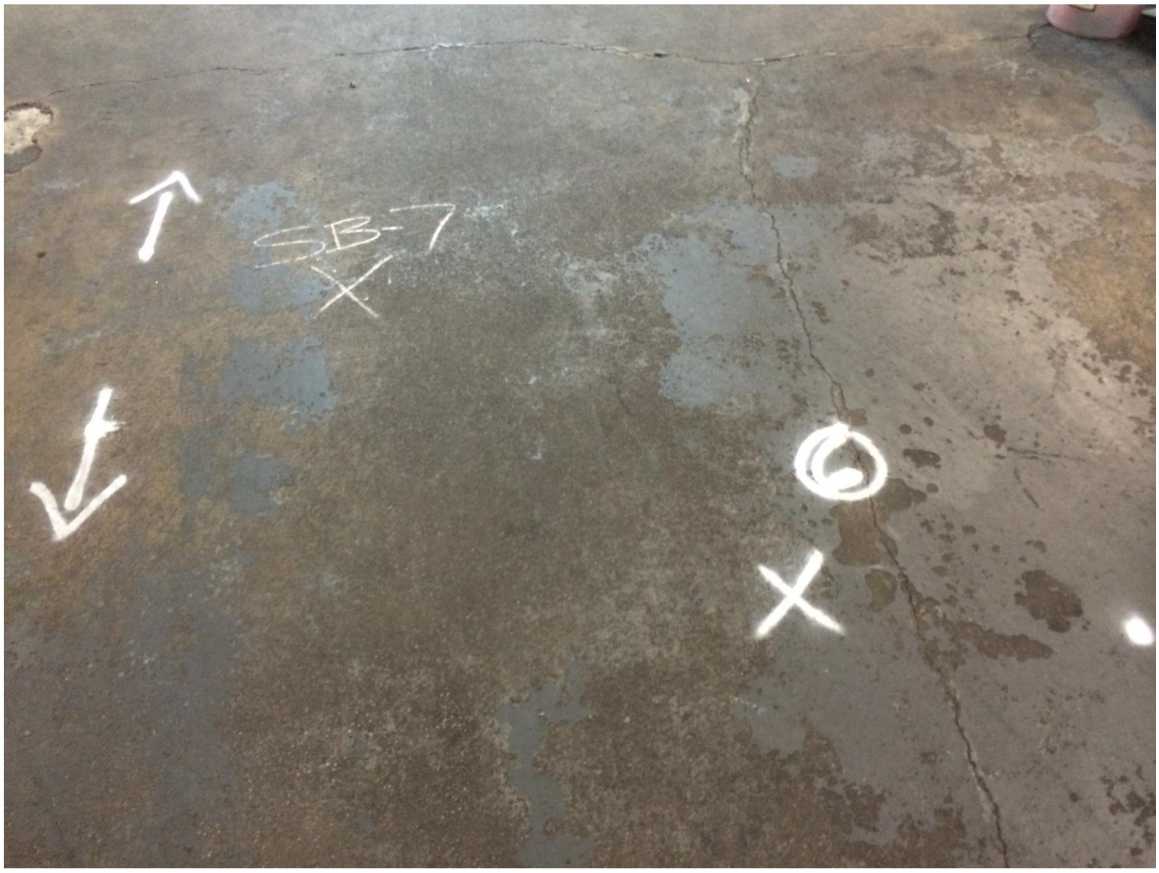

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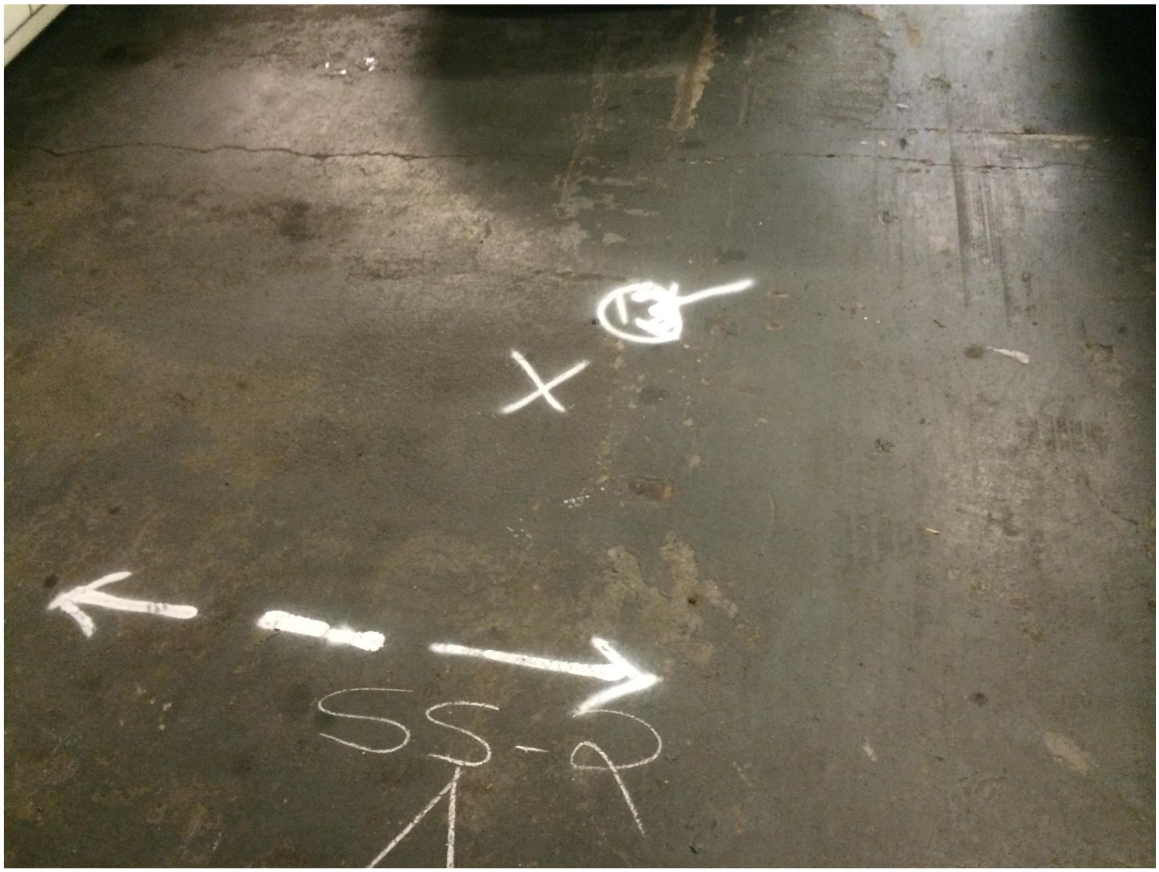

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APPENDIX D

SOIL BORING LOGS

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC** **Job Name: 37-10 Crescent Street** **Job Number: 14-133-1037**	**Boring Number: SB-1** **Boring Location:** North west corner of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/21/2014** **Date Completed: 08/21/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil	Remarks
0	SB-1 (0'-2')	G	24	Dry	2.0	6" - Concrete 18" - Light brown medium SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS	
2'	SB-1 (2'-4')		24	Dry	0.0	Same as above (Historic Fill) NO OBSERVED STAINING OR ODORS	
4'	SB-1 (4'-6')		24	Dry	0.0	Dark brown medium SAND some pebbles NO OBSERVED STAINING OR ODORS	
6'	SB-1 (6'-8')	G	24	Dry	6.5	Dark Brown fine to medium SAND some pebbles some silt NO OBSERVED STAINING OR ODORS	
8'	SB-1 (8'-10')		6	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS	
10'	SB-1 (10'-12')	G	24	Dry	0.0	Light brown fine SAND NO OBSERVED STAINING OR ODORS	

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

45-09 Greenpoint Avenue
Long Island City, New York, 11104
Phone: 718-784-7490 Fax: 718-784-4085

Client: 37-10 Crescent Street Owners LLC

Boring Number: SB-2

Job Name: 37-10 Crescent Street

Job Number: 14-133-1037

Boring Location:
Central eastern portion of site

Field Representatives: Ethan Rainey

Location: 37-10 Crescent Street, Queens, NY

Groundwater Observations: No

Casing Sampler Type:
Geoprobe 6620 DT

Date Start: 08/22/2014
Date Completed: 08/22/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil	Remarks
0	SB-2 (0'-2')	G	24	Dry	0.0	6" - Concrete 18" - Light brown medium SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS	
2'	SB-2 (2'-4')		12	Dry	0.0	Light Brown medium SAND some pebbles some silt NO OBSERVED STAINING OR ODORS	
4'	SB-2 (4'-6')		0			No recovery	
6'	SB-2 (6'-8')		12	Dry	0.0	Dark Brown medium SAND some pebbles NO OBSERVED STAINING OR ODORS	
8'	SB-2 (8'-10')		24	Dry	0.0	Dark Brown medium to coarse SAND some pebbles NO OBSERVED STAINING OR ODORS	
10'	SB-2 (10'-12')	G	24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS	

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC**	**Boring Number: SB-3**
	Job Name: 37-10 Crescent Street **Job Number: 14-133-1037**	**Boring Location:** South west corner of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/22/2014** **Date Completed: 08/22/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-3 (0'-2')	G	24	Dry	0.0	6" - Concrete 18" - Dark brown medium SAND some pebbles some ash some brick (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-3 (2'-4')		12	Dry	0.0	Same as above (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-3 (4'-6')		0			No recovery
6'	SB-3 (6'-8')		24	Dry	0.0	Dark Brown medium SAND trace pebbles NO OBSERVED STAINING OR ODORS
8'	SB-3 (8'-10')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-3 (10'-12')	G	24	Dry	0.0	Light Brown medium to coarse SAND some pebbles NO OBSERVED STAINING OR ODORS

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC**	**Boring Number: SB-4**
	Job Name: 37-10 Crescent Street **Job Number: 14-133-1037**	**Boring Location:** Central northern portion of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/21/2014** **Date Completed: 08/21/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-4 (0'-2')	G	24	Dry	1.2	6" - Concrete 18" - Dark brown silty SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-4 (2'-4')		24	Dry	0.8	Dark Brown medium SAND some pebbles NO OBSERVED STAINING OR ODORS
4'	SB-4 (4'-6')		0			No recovery
6'	SB-4 (6'-8')		24	Dry	0.0	Dark Brown fine SAND some pebbles some silt NO OBSERVED STAINING OR ODORS
8'	SB-4 (8'-10')		24	Dry	0.0	Brown medium SAND some pebbles NO OBSERVED STAINING OR ODORS
10'	SB-4 (10'-12')	G	24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC**	**Boring Number: SB-5**
	Job Name: 37-10 Crescent Street **Job Number: 14-133-1037**	**Boring Location:** North eastern corner of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/21/2014** **Date Completed: 08/21/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-5 (0'-2')	G	24	Dry	1.0	6" - Concrete 18" - Gray medium SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-5 (2'-4')		24	Dry	0.0	Light brown medium SAND some pebbles some silt NO OBSERVED STAINING OR ODORS
4'	SB-5 (4'-6')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
6'	SB-5 (6'-8')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-5 (8'-10')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-5 (10'-12')	G	24	Dry	1.1	Same as above NO OBSERVED STAINING OR ODORS

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC**	**Boring Number: SB-6**
	Job Name: 37-10 Crescent Street **Job Number: 14-133-1037**	**Boring Location:** South eastern corner of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/21/2014** **Date Completed: 08/21/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-6 (0'-2')	G	18	Dry	1.2	6" - Concrete 12" - Black medium SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-6 (2'-4')		24	Dry	0.0	Light brown medium SAND trace pebbles NO OBSERVED STAINING OR ODORS
4'	SB-6 (4'-6')		0			No recovery
6'	SB-6 (6'-8')		24	Dry	0.0	Light brown medium SAND trace pebbles NO OBSERVED STAINING OR ODORS
8'	SB-6 (8'-10')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-6 (10'-12')	G	24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC**	**Boring Number: SB-7**
	Job Name: 37-10 Crescent Street **Job Number: 14-133-1037**	**Boring Location:** Central western portion of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/22/2014** **Date Completed: 08/22/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-7 (0'-2')	G	24	Dry	0.0	6" - Concrete 18" - Black medium SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-7 (2'-4')		0			No recovery
4'	SB-7 (4'-6')		0			No recovery
6'	SB-7 (6'-8')		12	Dry	0.0	Light brown medium SAND trace pebbles NO OBSERVED STAINING OR ODORS
8'	SB-7 (8'-10')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-7 (10'-12')	G	24	Dry	0.0	Light brown coarse SAND some pebbles NO OBSERVED STAINING OR ODORS

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	**Client: 37-10 Crescent Street Owners LLC**	**Boring Number: SB-8**
	Job Name: 37-10 Crescent Street **Job Number: 14-133-1037**	**Boring Location:** Center of site
Field Representatives: Ethan Rainey	**Location: 37-10 Crescent Street, Queens, NY**	
Groundwater Observations: No	**Casing Sampler Type:** Geoprobe 6620 DT	**Date Start: 08/22/2014** **Date Completed: 08/22/2014**

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-8 (0'-2')	G	24	Dry	0.0	6" - Concrete 18" - Dark brown medium SAND some pebbles some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-8 (2'-4')		24	Dry	0.0	Same as above (Historic Fill)
4'	SB-8 (4'-6')		0			No recovery
6'	SB-8 (6'-8')		24	Dry	0.0	Light brown medium SAND some pebbles some silt NO OBSERVED STAINING OR ODORS
8'	SB-8 (8'-10')		24	Dry	0.0	Light brown medium to coarse SAND some pebbles NO OBSERVED STAINING OR ODORS
10'	SB-8 (10'-12')	G	24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS

12' (Boring Termination Depth)

G = Grab sample collected for analysis
bgs = Below Ground Surface
=samples submitted to laboratory for analysis

APPENDIX E

MONITORING WELL CONSTRUCTION LOGS

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants

JOB NAME: 37-10 Crescent Street

MW-1

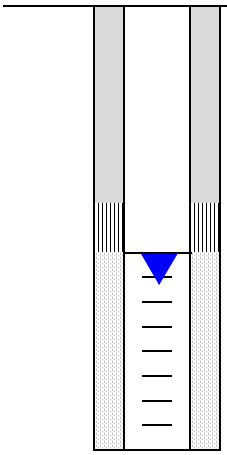
ADDRESS: 37-10 Crescent Street, Queens
NY 11101

DRILLING METHOD: Direct Push
DRILLER: Aquifer Drilling & Testing

INSTALLATION DATE: 9/21/14
DEPTH TO WATER: 28.75 feet from top of PVC riser

HEIGHT OF STICK-UP: N/A
DEPTH TO PRODUCT: N/A

Depth from Ground Surface (feet)	
0.00	Top of Casing 2" PVC Ground Surface
	Concrete Slurry + dirt back-fill Layer
	Bottom of Concrete Slurry + dirt back-fill / Top of Bentonite Layer Bentonite Layer
25.00	Botttom of Bentonite layer / Top of Well Screen
28.75	Depth to Water
45.00	Bottom of Well Screen* / PVC Bottom Plug



*Well screen consists of a slotted PVC pipe surrounded by environmental grade sand. The inner component of the screen is a flush-threaded, 2.0-inch Schedule 40 PVC pipe with 0,02-inch slots.

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants

JOB NAME: 37-10 Crescent Street

MW-2

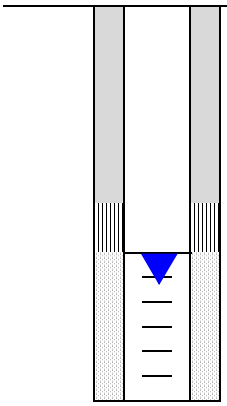
ADDRESS: 37-10 Crescent Street, Queens
NY 11101

DRILLING METHOD: Direct Push
DRILLER: Aquifer Drilling & Testing

INSTALLATION DATE: 9/22/14
DEPTH TO WATER: 28.71 feet from top of PVC riser

HEIGHT OF STICK-UP: N/A
DEPTH TO PRODUCT: N/A

Depth from Ground Surface (feet)	
0.00	Top of Casing 2" PVC Ground Surface
	Concrete Slurry + dirt back-fill Layer
	Bottom of Concrete Slurry + dirt back-fill / Top of Bentonite Layer Bentonite Layer
25.00	Botttom of Bentonite layer / Top of Well Screen
28.71	Depth to Water
40.00	Bottom of Well Screen* / PVC Bottom Plug



*Well screen consists of a slotted PVC pipe surrounded by environmental grade sand. The inner component of the screen is a flush-threaded, 2.0-inch Schedule 40 PVC pipe with 0,02-inch slots.

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Engineering Consultants

JOB NAME: 37-10 Crescent Street

MW-3

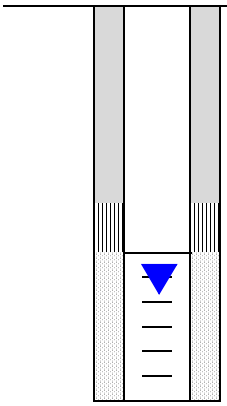
ADDRESS: 37-10 Crescent Street, Queens
NY 11101

DRILLING METHOD: Direct Push
DRILLER: Aquifer Drilling & Testing

INSTALLATION DATE: 9/22/14
DEPTH TO WATER: 29.61 feet from top of PVC riser

HEIGHT OF STICK-UP: N/A
DEPTH TO PRODUCT: N/A

Depth from Ground Surface (feet)	
0.00	Top of Casing 2" PVC Ground Surface
	Concrete Slurry + dirt back-fill Layer
	Bottom of Concrete Slurry + dirt back-fill / Top of Bentonite Layer Bentonite Layer
25.00	Botttom of Bentonite layer / Top of Well Screen
29.61	Depth to Water
40.00	Bottom of Well Screen* / PVC Bottom Plug



*Well screen consists of a slotted PVC pipe surrounded by environmental grade sand. The inner component of the screen is a flush-threaded, 2.0-inch Schedule 40 PVC pipe with 0,02-inch slots.

NOT TO SCALE

APPENDIX F

SOIL VAPOR SAMPLING LOG

E-Designation Remedial Investigation - Soil Vapor
37-10 Crescent Street, Queens, NY

Sample ID	Sample Date	Flow Controller Readout (L/min)	Start Sampling Time	Stop Sampling Time	Cannister Pressure in Field ("Hg") (Start)	Cannister Pressure in Field ("Hg") (Stop)
SV-1 (Y58)	8/22/14		11:57	15:50	30	11
SV-2 (S02)	8/22/14		11:58	16:00	>30	17
SV-3 (#26)	8/22/14		12:15	15:45	30	6
SV-4 (Y11 27)	8/22/14		12:01	15:47	>30	10
SV-5 (S23)	8/22/14		12:00	15:48	>30	9

APPENDIX G

SOIL ANALYTICAL RESULTS

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Report Date: 08/29/2014
Client Project ID: 14-133-1037-37-10 Crecent City Long Island City
York Project (SDG) No.: 14H0994

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: 08/29/2014
Client Project ID: 14-133-1037-37-10 Crecent City Long Island City
York Project (SDG) No.: 14H0994

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2014 and listed below. The project was identified as your project: **14-133-1037-37-10 Crecent City Long Island City**.

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
14H0994-01	SB-1 (0'-2')	Soil	08/21/2014	08/22/2014
14H0994-02	SB-1 (6'-8')	Soil	08/21/2014	08/22/2014
14H0994-03	SB-1 (10'-12')	Soil	08/21/2014	08/22/2014
14H0994-04	SB-4 (0'-2')	Soil	08/21/2014	08/22/2014
14H0994-05	SB-4 (10'-12')	Soil	08/21/2014	08/22/2014
14H0994-06	SB-5 (0'-2')	Soil	08/21/2014	08/22/2014
14H0994-07	SB-5 (10'-12')	Soil	08/21/2014	08/22/2014
14H0994-08	SB-6 (0'-2')	Soil	08/21/2014	08/22/2014
14H0994-09	SB-6 (10'-12')	Soil	08/21/2014	08/22/2014

General Notes for York Project (SDG) No.: 14H0994

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: 08/29/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
67-64-1	**Acetone**	**36**		ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-09-2	**Methylene chloride**	**5.0**	J	ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.0 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*90-112*

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
98-86-2	Acetophenone	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
62-53-3	Aniline	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
120-12-7	**Anthracene**	**236**	J	ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
1912-24-9	Atrazine	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
92-87-5	Benzidine	ND		ug/kg dry	356	711	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
56-55-3	**Benzo(a)anthracene**	**670**		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
205-99-2	**Benzo(b)fluoranthene**	**248**	J	ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
65-85-0	Benzoic acid	ND		ug/kg dry	243	711	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
207-08-9	**Benzo(k)fluoranthene**	**233**	J	ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
105-60-2	Caprolactam	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
86-74-8	**Carbazole**	**105**	J	ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
218-01-9	**Chrysene**	**565**		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	356	711	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	356	711	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
206-44-0	**Fluoranthene**	**1110**		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
86-73-7	Fluorene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
78-59-1	Isophorone	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
91-20-3	Naphthalene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
85-01-8	**Phenanthrene**	**775**		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
108-95-2	Phenol	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
129-00-0	**Pyrene**	**1070**		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	89.6	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*72.7 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*78.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.8 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*77.8 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*115 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*87.2 %*	*10-137*

Pesticides, EPA TCL 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	89.1	89.1	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.80	8.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.04	7.04	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 12:44	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*30-140*

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 11:41	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*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**	**5550**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-36-0	Antimony	ND		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-38-2	**Arsenic**	**4.42**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-39-3	**Barium**	**111**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.320	0.320	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-70-2	**Calcium**	**5970**		mg/kg dry	0.534	5.34	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-47-3	**Chromium**	**12.4**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-48-4	**Cobalt**	**5.06**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-50-8	**Copper**	**40.7**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7439-89-6	**Iron**	**11300**		mg/kg dry	2.13	2.13	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7439-92-1	**Lead**	**141**		mg/kg dry	0.320	0.320	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7439-95-4	**Magnesium**	**3660**		mg/kg dry	5.34	5.34	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7439-96-5	**Manganese**	**230**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-02-0	**Nickel**	**13.6**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-09-7	**Potassium**	**716**		mg/kg dry	5.34	5.34	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7782-49-2	**Selenium**	**1.28**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-23-5	**Sodium**	**147**		mg/kg dry	10.7	10.7	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW
7440-66-6	**Zinc**	**174**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:29	MW

Sample Information

Client Sample ID: **SB-1 (0'-2')** **York Sample ID:** **14H0994-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.128**		mg/kg dry	0.0320	0.0320	1	EPA 7473	08/28/2014 06:52	08/28/2014 09:33	ALD

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**	**93.7**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.374	0.534	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**11.6**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
67-64-1	**Acetone**	**48**		ug/kg dry	2.8	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
107-02-8	Acrolein	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-09-2	**Methylene chloride**	**3.5**	J	ug/kg dry	2.8	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.4 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
98-86-2	Acetophenone	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
62-53-3	Aniline	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
120-12-7	Anthracene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
1912-24-9	Atrazine	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
92-87-5	Benzidine	ND		ug/kg dry	365	728	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
56-55-3	**Benzo(a)anthracene**	**287**	J	ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
205-99-2	**Benzo(b)fluoranthene**	**162**	J	ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
65-85-0	Benzoic acid	ND		ug/kg dry	249	729	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
207-08-9	**Benzo(k)fluoranthene**	**136**	J	ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-51-6	Benzyl alcohol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
86-74-8	Carbazole	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
218-01-9	**Chrysene**	**303**	J	ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	365	728	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	365	729	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
206-44-0	**Fluoranthene**	**610**		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
86-73-7	Fluorene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
67-72-1	Hexachloroethane	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
78-59-1	Isophorone	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
91-20-3	Naphthalene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
85-01-8	**Phenanthrene**	**348**	J	ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
108-95-2	Phenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
129-00-0	**Pyrene**	**515**		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	184	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	91.8	364	2	EPA 8270D	08/28/2014 06:47	08/28/2014 20:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*79.0 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*105 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.1 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*89.1 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*111 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*124 %*	*10-137*

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	91.2	91.2	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.02	9.02	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.21	7.21	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
50-29-3	**4,4'-DDT**	**4.82**		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	08/27/2014 19:00	08/28/2014 13:16	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.9 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:10	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-140*

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*			*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**	**8800**		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-36-0	**Antimony**	**2.32**		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-38-2	**Arsenic**	**10.6**		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-39-3	**Barium**	**447**		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-43-9	**Cadmium**	**0.887**		mg/kg dry	0.328	0.328	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-70-2	**Calcium**	**7750**		mg/kg dry	0.546	5.46	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-47-3	**Chromium**	**21.2**		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-48-4	**Cobalt**	**7.36**		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-50-8	**Copper**	**73.9**		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7439-89-6	**Iron**	**19700**		mg/kg dry	2.19	2.19	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7439-92-1	**Lead**	**1460**		mg/kg dry	0.328	0.328	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7439-95-4	**Magnesium**	**3230**		mg/kg dry	5.46	5.46	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7439-96-5	**Manganese**	**319**		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-02-0	**Nickel**	**22.2**		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-09-7	**Potassium**	**904**		mg/kg dry	5.46	5.46	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7782-49-2	**Selenium**	**2.38**		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.546	0.546	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-23-5	**Sodium**	**99.0**		mg/kg dry	10.9	10.9	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-62-2	**Vanadium**	**30.7**		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW
7440-66-6	**Zinc**	**1460**		mg/kg dry	1.09	1.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:33	MW

Sample Information

Client Sample ID: **SB-1 (6'-8')** **York Sample ID:** **14H0994-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.246**		mg/kg dry	0.0328	0.0328	1	EPA 7473	08/28/2014 06:52	08/28/2014 09:42	ALD

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**	**91.5**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.382	0.546	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**19.4**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
67-64-1	**Acetone**	**30**		ug/kg dry	2.6	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
107-02-8	Acrolein	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-09-2	**Methylene chloride**	**5.7**	J	ug/kg dry	2.6	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C	08/28/2014 17:14	08/29/2014 06:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
62-53-3	Aniline	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
120-12-7	Anthracene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
92-87-5	Benzidine	ND		ug/kg dry	170	339	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	116	340	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-51-6	Benzyl alcohol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
86-74-8	Carbazole	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
218-01-9	Chrysene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	170	339	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	170	340	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
86-73-7	Fluorene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
67-72-1	Hexachloroethane	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
78-59-1	Isophorone	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
108-95-2	Phenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
129-00-0	Pyrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/28/2014 06:47	08/28/2014 17:46	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*80.1 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*90.9 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*73.3 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*74.3 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*83.8 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*74.6 %*	*10-137*

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	85.1	85.1	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.41	8.41	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
72-20-8	Endrin	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.73	6.73	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
309-00-2	Aldrin	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:17	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.1 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/27/2014 19:00	08/28/2014 12:40	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*			*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**	**3150**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-36-0	Antimony	ND		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-39-3	**Barium**	**25.3**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.102	0.102	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.306	0.306	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-70-2	**Calcium**	**4260**		mg/kg dry	0.510	5.10	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-47-3	**Chromium**	**6.51**		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-48-4	**Cobalt**	**3.77**		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-50-8	**Copper**	**8.19**		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7439-89-6	**Iron**	**7280**		mg/kg dry	2.04	2.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7439-92-1	**Lead**	**3.80**		mg/kg dry	0.306	0.306	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7439-95-4	**Magnesium**	**3720**		mg/kg dry	5.10	5.10	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7439-96-5	**Manganese**	**221**		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-02-0	**Nickel**	**9.56**		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-09-7	**Potassium**	**783**		mg/kg dry	5.10	5.10	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7782-49-2	Selenium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-22-4	Silver	ND		mg/kg dry	0.510	0.510	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-23-5	**Sodium**	**93.9**		mg/kg dry	10.2	10.2	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-28-0	Thallium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-62-2	**Vanadium**	**12.4**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW
7440-66-6	**Zinc**	**15.9**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:41	MW

Sample Information

Client Sample ID: **SB-1 (10'-12')** **York Sample ID:** **14H0994-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0306	0.0306	1	EPA 7473	08/28/2014 06:52	08/28/2014 09:51	ALD

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**	**98.1**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.357	0.510	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**6.39**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	08/28/2014 17:14	08/29/2014 07:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
67-64-1	**Acetone**	**8.6**	J	ug/kg dry	2.5	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
107-02-8	Acrolein	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-09-2	**Methylene chloride**	**5.0**	J	ug/kg dry	2.5	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
62-53-3	Aniline	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
120-12-7	**Anthracene**	**53.7**	J	ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
92-87-5	Benzidine	ND		ug/kg dry	187	372	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
56-55-3	**Benzo(a)anthracene**	**167**	J	ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
205-99-2	**Benzo(b)fluoranthene**	**97.2**	J	ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
65-85-0	Benzoic acid	ND		ug/kg dry	127	373	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
207-08-9	**Benzo(k)fluoranthene**	**68.6**	J	ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-51-6	Benzyl alcohol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
105-60-2	Caprolactam	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
86-74-8	Carbazole	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
218-01-9	**Chrysene**	**162**	J	ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	187	372	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	187	373	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**57.0**	J	ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
206-44-0	**Fluoranthene**	**418**		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
86-73-7	Fluorene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
67-72-1	Hexachloroethane	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
78-59-1	Isophorone	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
85-01-8	**Phenanthrene**	**242**		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
108-95-2	Phenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
129-00-0	**Pyrene**	**294**		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.9	186	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*85.5 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*95.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*79.9 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*87.9 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*115 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*85.6 %*	*10-137*

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	93.3	93.3	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.22	9.22	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.38	7.38	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:32	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.2 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:09	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-140*

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*			*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**	**8320**		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-36-0	**Antimony**	**0.612**		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-38-2	**Arsenic**	**4.61**		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-39-3	**Barium**	**126**		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-70-2	**Calcium**	**8740**		mg/kg dry	0.559	5.59	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-48-4	**Cobalt**	**8.07**		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-50-8	**Copper**	**53.0**		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7439-89-6	**Iron**	**16800**		mg/kg dry	2.24	2.24	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7439-92-1	**Lead**	**185**		mg/kg dry	0.335	0.335	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7439-95-4	**Magnesium**	**3490**		mg/kg dry	5.59	5.59	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7439-96-5	**Manganese**	**324**		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-02-0	**Nickel**	**20.7**		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-09-7	**Potassium**	**1010**		mg/kg dry	5.59	5.59	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7782-49-2	**Selenium**	**1.35**		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-23-5	**Sodium**	**234**		mg/kg dry	11.2	11.2	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW
7440-66-6	**Zinc**	**185**		mg/kg dry	1.12	1.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:58	MW

Sample Information

Client Sample ID: **SB-4 (0'-2')** **York Sample ID:** **14H0994-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.207**		mg/kg dry	0.0335	0.0335	1	EPA 7473	08/28/2014 06:52	08/28/2014 10:00	ALD

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**	**89.5**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.391	0.559	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**17.7**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
67-64-1	**Acetone**	**7.6**	J	ug/kg dry	3.0	12	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
107-02-8	Acrolein	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-09-2	**Methylene chloride**	**4.4**	J	ug/kg dry	3.0	12	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS

Sample Information

Client Sample ID: SB-4 (10'-12')

York Sample ID: 14H0994-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C	08/28/2014 17:14	08/29/2014 07:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
62-53-3	Aniline	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
120-12-7	Anthracene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
92-87-5	Benzidine	ND		ug/kg dry	171	341	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
65-85-0	Benzoic acid	ND		ug/kg dry	117	341	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-51-6	Benzyl alcohol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
105-60-2	Caprolactam	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
86-74-8	Carbazole	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
218-01-9	Chrysene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	171	341	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	171	341	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
86-73-7	Fluorene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
67-72-1	Hexachloroethane	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
78-59-1	Isophorone	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
108-95-2	Phenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
129-00-0	Pyrene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.1	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.0	171	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:16	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*71.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*80.3 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*68.8 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.8 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*80.6 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*72.5 %*	*10-137*

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	85.5	85.5	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.45	8.45	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
72-20-8	Endrin	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.76	6.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
309-00-2	Aldrin	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	08/27/2014 19:00	08/28/2014 16:48	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	0.0171	1	EPA 8082A	08/27/2014 19:00	08/28/2014 13:38	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-140*

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*			*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**	**3160**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-36-0	Antimony	ND		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-39-3	**Barium**	**22.6**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.102	0.102	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.307	0.307	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-70-2	**Calcium**	**1040**		mg/kg dry	0.512	5.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-47-3	**Chromium**	**7.28**		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-48-4	**Cobalt**	**4.27**		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-50-8	**Copper**	**10.5**		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7439-89-6	**Iron**	**7820**		mg/kg dry	2.05	2.05	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7439-92-1	**Lead**	**2.65**		mg/kg dry	0.307	0.307	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7439-95-4	**Magnesium**	**1860**		mg/kg dry	5.12	5.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7439-96-5	**Manganese**	**257**		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-02-0	**Nickel**	**10.4**		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-09-7	**Potassium**	**631**		mg/kg dry	5.12	5.12	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7782-49-2	Selenium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-22-4	Silver	ND		mg/kg dry	0.512	0.512	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-23-5	**Sodium**	**88.3**		mg/kg dry	10.2	10.2	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-28-0	Thallium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-62-2	**Vanadium**	**14.9**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW
7440-66-6	**Zinc**	**18.0**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:03	MW

Sample Information

Client Sample ID: **SB-4 (10'-12')** **York Sample ID:** **14H0994-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0307	0.0307	1	EPA 7473	08/28/2014 06:52	08/28/2014 10:09	ALD

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**	**97.6**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.359	0.512	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**7.11**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
67-64-1	Acetone	ND		ug/kg dry	2.8	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
107-02-8	Acrolein	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
127-18-4	**Tetrachloroethylene**	**13**	CCV-E	ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:23	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*		*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*115 %*	S-08	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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**	**155**	J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
98-86-2	Acetophenone	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
62-53-3	Aniline	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
120-12-7	**Anthracene**	**307**	J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
1912-24-9	Atrazine	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
92-87-5	Benzidine	ND		ug/kg dry	369	737	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
56-55-3	**Benzo(a)anthracene**	**924**		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
205-99-2	**Benzo(b)fluoranthene**	**362**	J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
191-24-2	Benzo(g,h,i)perylene	ND	ISTD-LO	ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
65-85-0	Benzoic acid	ND		ug/kg dry	252	737	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
207-08-9	**Benzo(k)fluoranthene**	**265**	J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
105-60-2	Caprolactam	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
86-74-8	**Carbazole**	**129**	J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
218-01-9	**Chrysene**	**877**		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ISTD-LO	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	369	737	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	369	737	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
206-44-0	**Fluoranthene**	**1940**		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
86-73-7	**Fluorene**	**116**	J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**117**	ISTD-L O, J	ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
78-59-1	Isophorone	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
91-20-3	Naphthalene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
85-01-8	**Phenanthrene**	**1400**		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
108-95-2	Phenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
129-00-0	**Pyrene**	**1720**		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	186	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	92.9	369	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*82.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*98.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*89.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*96.6 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*113 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*112 %*	*10-137*

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	92.3	92.3	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	9.12	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.30	7.30	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:04	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:07	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-140*

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*			*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**	**8520**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-36-0	**Antimony**	**1.02**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-38-2	**Arsenic**	**6.49**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-39-3	**Barium**	**139**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-70-2	**Calcium**	**17100**		mg/kg dry	0.553	5.53	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-50-8	**Copper**	**63.1**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7439-89-6	**Iron**	**15100**		mg/kg dry	2.21	2.21	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7439-92-1	**Lead**	**360**		mg/kg dry	0.332	0.332	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7439-95-4	**Magnesium**	**3200**		mg/kg dry	5.53	5.53	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7439-96-5	**Manganese**	**293**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-02-0	**Nickel**	**19.8**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-09-7	**Potassium**	**1180**		mg/kg dry	5.53	5.53	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7782-49-2	**Selenium**	**1.37**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-23-5	**Sodium**	**244**		mg/kg dry	11.1	11.1	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW
7440-66-6	**Zinc**	**188**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:08	MW

Sample Information

Client Sample ID: **SB-5 (0'-2')** **York Sample ID:** **14H0994-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.213**		mg/kg dry	0.0332	0.0332	1	EPA 7473	08/28/2014 06:52	08/28/2014 10:19	ALD

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**	**90.4**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.387	0.553	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**15.8**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to 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	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
67-64-1	**Acetone**	**15**		ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-09-2	**Methylene chloride**	**3.9**	J	ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
127-18-4	**Tetrachloroethylene**	**3.6**	CCV-E , J	ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C	08/28/2014 17:14	08/29/2014 08:52	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
62-53-3	Aniline	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
120-12-7	**Anthracene**	**45.2**	J	ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
92-87-5	Benzidine	ND		ug/kg dry	173	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
56-55-3	**Benzo(a)anthracene**	**138**	J	ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
50-32-8	**Benzo(a)pyrene**	**126**	J	ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
205-99-2	**Benzo(b)fluoranthene**	**72.5**	J	ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	118	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
207-08-9	**Benzo(k)fluoranthene**	**67.7**	J	ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
86-74-8	Carbazole	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
218-01-9	**Chrysene**	**132**	J	ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	173	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
206-44-0	**Fluoranthene**	**300**		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
86-73-7	Fluorene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
78-59-1	Isophorone	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
85-01-8	**Phenanthrene**	**241**		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
108-95-2	Phenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
129-00-0	**Pyrene**	**231**		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.0	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 18:46	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*39.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*57.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*48.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.3 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*20.5 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*75.2 %*	*10-137*

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	86.5	86.5	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.55	8.55	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
72-20-8	Endrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.84	6.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
309-00-2	Aldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:20	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.1 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 14:37	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-140*

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.5 %*			*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**	**7400**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-36-0	Antimony	ND		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-38-2	**Arsenic**	**2.98**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-39-3	**Barium**	**336**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.311	0.311	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-70-2	**Calcium**	**11500**		mg/kg dry	0.518	5.18	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-48-4	**Cobalt**	**6.68**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-50-8	**Copper**	**24.0**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7439-89-6	**Iron**	**13200**		mg/kg dry	2.07	2.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7439-92-1	**Lead**	**54.1**		mg/kg dry	0.311	0.311	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7439-95-4	**Magnesium**	**4900**		mg/kg dry	5.18	5.18	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7439-96-5	**Manganese**	**287**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-02-0	**Nickel**	**17.5**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-09-7	**Potassium**	**1280**		mg/kg dry	5.18	5.18	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7782-49-2	Selenium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-22-4	Silver	ND		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-23-5	**Sodium**	**242**		mg/kg dry	10.4	10.4	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-62-2	**Vanadium**	**22.3**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW
7440-66-6	**Zinc**	**56.4**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:12	MW

Sample Information

Client Sample ID: **SB-5 (10'-12')** **York Sample ID:** **14H0994-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.0594**		mg/kg dry	0.0311	0.0311	1	EPA 7473	08/28/2014 06:52	08/28/2014 10:27	ALD

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**	**96.5**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.363	0.518	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	08/29/2014 08:09	08/29/2014 14:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	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	08/29/2014 08:09	08/29/2014 14:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
67-64-1	**Acetone**	**8.5**	B, J	ug/kg dry	2.7	11	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-71-8	**Dichlorodifluoromethane**	**62**		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-09-2	**Methylene chloride**	**4.4**	B, J	ug/kg dry	2.7	11	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
127-18-4	**Tetrachloroethylene**	**5.8**		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	08/29/2014 08:09	08/29/2014 14:34	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*		*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	S-08	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
98-86-2	Acetophenone	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
62-53-3	Aniline	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
120-12-7	**Anthracene**	**109**	J	ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
1912-24-9	Atrazine	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
92-87-5	Benzidine	ND		ug/kg dry	357	711	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
56-55-3	**Benzo(a)anthracene**	**508**		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
50-32-8	**Benzo(a)pyrene**	**404**		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
205-99-2	**Benzo(b)fluoranthene**	**226**	J	ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
191-24-2	Benzo(g,h,i)perylene	ND	ISTD-LO	ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
65-85-0	Benzoic acid	ND		ug/kg dry	243	712	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
207-08-9	**Benzo(k)fluoranthene**	**238**	J	ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
105-60-2	Caprolactam	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
86-74-8	Carbazole	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
218-01-9	**Chrysene**	**526**		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
53-70-3	Dibenzo(a,h)anthracene	ND	ISTD-LO	ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	357	711	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	357	712	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
206-44-0	**Fluoranthene**	**1070**		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
86-73-7	Fluorene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ISTD-LO	ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
78-59-1	Isophorone	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
91-20-3	Naphthalene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
85-01-8	**Phenanthrene**	**514**		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
108-95-2	Phenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
129-00-0	**Pyrene**	**910**		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	179	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	89.7	356	2	EPA 8270D	08/28/2014 06:47	08/28/2014 21:48	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*71.5 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*89.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*68.1 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.5 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*96.9 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*105 %*	*10-137*

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	89.1	89.1	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.81	8.81	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.05	7.05	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
50-29-3	**4,4'-DDT**	**2.76**		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:36	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	08/27/2014 19:00	08/28/2014 15:06	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-140*

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*			*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**	**6110**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-36-0	**Antimony**	**1.03**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-38-2	**Arsenic**	**7.73**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-39-3	**Barium**	**170**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-43-9	**Cadmium**	**0.799**		mg/kg dry	0.320	0.320	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-70-2	**Calcium**	**11300**		mg/kg dry	0.534	5.34	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-48-4	**Cobalt**	**5.01**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-50-8	**Copper**	**60.6**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7439-89-6	**Iron**	**12100**		mg/kg dry	2.14	2.14	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7439-92-1	**Lead**	**332**		mg/kg dry	0.320	0.320	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7439-95-4	**Magnesium**	**2660**		mg/kg dry	5.34	5.34	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7439-96-5	**Manganese**	**247**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-09-7	**Potassium**	**766**		mg/kg dry	5.34	5.34	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7782-49-2	**Selenium**	**1.33**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.534	0.534	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-23-5	**Sodium**	**1290**		mg/kg dry	10.7	10.7	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-62-2	**Vanadium**	**24.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW
7440-66-6	**Zinc**	**307**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 21:17	MW

Sample Information

Client Sample ID: **SB-6 (0'-2')** **York Sample ID:** **14H0994-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.110**		mg/kg dry	0.0320	0.0320	1	EPA 7473	08/28/2014 06:52	08/28/2014 10:36	ALD

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**	**93.7**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.374	0.534	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
67-64-1	**Acetone**	**59**	B	ug/kg dry	2.7	11	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C	08/29/2014 08:09	08/29/2014 15:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.5 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.0 %*	*90-112*

Semi-Volatiles, NJDEP/TCL/Part 375 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	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
62-53-3	Aniline	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
120-12-7	Anthracene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
92-87-5	Benzidine	ND		ug/kg dry	173	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
65-85-0	Benzoic acid	ND		ug/kg dry	118	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
100-51-6	Benzyl alcohol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
105-60-2	Caprolactam	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
86-74-8	Carbazole	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
218-01-9	Chrysene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	173	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	345	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
86-73-7	Fluorene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
78-59-1	Isophorone	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
108-95-2	Phenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
129-00-0	Pyrene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.1	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.5	173	1	EPA 8270D	08/28/2014 06:47	08/28/2014 19:16	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*68.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*73.1 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.8 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.6 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*84.4 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*72.2 %*	*10-137*

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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	86.5	86.5	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.55	8.55	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
72-20-8	Endrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.84	6.84	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
309-00-2	Aldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	08/27/2014 19:00	08/28/2014 17:51	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.1 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	08/27/2014 19:00	08/28/2014 16:06	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.5 %*	*30-140*

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*			*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**	**3910**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-36-0	Antimony	ND		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-38-2	**Arsenic**	**1.46**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-39-3	**Barium**	**40.3**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.311	0.311	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-70-2	**Calcium**	**1100**		mg/kg dry	0.518	5.18	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-47-3	**Chromium**	**9.51**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-48-4	**Cobalt**	**4.97**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-50-8	**Copper**	**14.5**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7439-89-6	**Iron**	**9770**		mg/kg dry	2.07	2.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7439-92-1	**Lead**	**3.39**		mg/kg dry	0.311	0.311	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7439-95-4	**Magnesium**	**2240**		mg/kg dry	5.18	5.18	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7439-96-5	**Manganese**	**413**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-02-0	**Nickel**	**11.7**		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-09-7	**Potassium**	**503**		mg/kg dry	5.18	5.18	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7782-49-2	Selenium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.518	0.518	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-23-5	**Sodium**	**78.0**		mg/kg dry	10.4	10.4	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-62-2	**Vanadium**	**17.1**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW
7440-66-6	**Zinc**	**23.3**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 16:32	MW

Sample Information

Client Sample ID: **SB-6 (10'-12')** **York Sample ID:** **14H0994-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0994	14-133-1037-37-10 Crecent City Long Island City	Soil	August 21, 2014 3:00 pm	08/22/2014

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0311	0.0311	1	EPA 7473	08/28/2014 06:52	08/28/2014 10:46	ALD

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**	**96.5**		%	0.100	0.100	1	SM 2540G	08/28/2014 09:04	08/28/2014 11:17	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	0.363	0.518	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**9.17**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14H0994-01	SB-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0994-02	SB-1 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14H0994-03	SB-1 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
14H0994-04	SB-4 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0994-05	SB-4 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
14H0994-06	SB-5 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0994-07	SB-5 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
14H0994-08	SB-6 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0994-09	SB-6 (10'-12')	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
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-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.
ISTD-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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.

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*	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
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. 14H0994 14H0993

YOUR Information		Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company:	Athenica Env. Serv.	SAME x	SAME x	14-133-1037 - 37-10 Crescent Street, Long Island City	RUSH-Same Day ___	Summary Report ___
Address:	45-09 Greenpoint Ave.	Name:	Name:		RUSH-Next Day ___	QA Report ___
Queens,	NY	Company:	Company:	Purchase Order #	RUSH-Two Day ___	CT RCP ___
Phone.:	718-784-7490	Address:	Address:		RUSH-Three Day ___	CT RCP DQA/DUE Pkg ___
Contact:	Ezgi Karayel				RUSH-Four Day ___	NY ASP A Package ___
E-mail:	ekarayel@athenica.com		E-mail	Samples from CT__ NY X NJ__	Standard (5-7day) X	NY ASP B Package ___
						NJDEP Reduced Deliv ___
						Excel ___
						NYSDEC EQuIS ___
						NJDEP SRP HazSite ___
						EQuIS ___
						GIS/KEY (std)
						YORK Regulatory Comp Excel compared to: Part 375 Unrestricted & Restricted Residential
						OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

E. R
Samples Collected/Authorized By (Signature)

Ethan Rainey
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						c. Org.	Full Lists
8260 full	TICs					GRO	Pri.Poll.
624	Site Sp					DRO	TCL Organics
STARS list	Nassau					TPH	TAL Met/CN
BTEX	Suffolk					10-13	Full TCLP
MTBE	Ketones					1664	Full App. IX
TCL list	Oxygena					O14A	Part360-Routine
TAGM list	TCLP li					O15	Part360-Baseline
CT RCP list	524.2					ARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2					PH	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

5035's

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SB-1 (0'-2')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-1 (6'-8')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-1 (10'-12')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-4 (0'-2')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-4 (10'-12')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-5 (0'-2')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-5 (10'-12')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-6 (0'-2')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-6 (10'-12')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar

Comments:

"E" Designation Site

Preservation (check all appliciable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
Athenica Cooler	8/22/14 8AM	KBaker	8/22/14 8AM	3.9 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
		TC Fuhl	8/22/14 1645	

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Report Date: 08/29/2014
Client Project ID: 14-133-1037-37-10 Crescent Street Long Island City
York Project (SDG) No.: 14H0993

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: 08/29/2014
Client Project ID: 14-133-1037-37-10 Crescent Street Long Island City
York Project (SDG) No.: 14H0993

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2014 and listed below. The project was identified as your project: **14-133-1037-37-10 Crescent Street Long Island City**.

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
14H0993-01	SB-2 (0'-2')	Soil	08/22/2014	08/22/2014
14H0993-02	SB-2 (10'-12')	Soil	08/22/2014	08/22/2014
14H0993-03	SB-3 (0'-2')	Soil	08/22/2014	08/22/2014
14H0993-04	SB-3 (10'-12')	Soil	08/22/2014	08/22/2014
14H0993-05	SB-7 (0'-2')	Soil	08/22/2014	08/22/2014
14H0993-06	SB-7 (10'-12')	Soil	08/22/2014	08/22/2014
14H0993-07	SB-8 (0'-2')	Soil	08/22/2014	08/22/2014
14H0993-08	SB-8 (10'-12')	Soil	08/22/2014	08/22/2014

General Notes for York Project (SDG) No.: 14H0993

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:** 08/29/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
67-64-1	**Acetone**	**6.7**	J	ug/kg dry	2.9	12	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
107-02-8	Acrolein	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-09-2	**Methylene chloride**	**4.6**	J	ug/kg dry	2.9	12	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
127-18-4	**Tetrachloroethylene**	**4.4**	J	ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*90-112*

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
98-86-2	Acetophenone	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
62-53-3	Aniline	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
120-12-7	**Anthracene**	**236**	J	ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
1912-24-9	Atrazine	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
92-87-5	Benzidine	ND		ug/kg dry	923	1840	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
56-55-3	**Benzo(a)anthracene**	**726**	J	ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
205-99-2	**Benzo(b)fluoranthene**	**433**	J	ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
65-85-0	Benzoic acid	ND		ug/kg dry	630	1840	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
207-08-9	**Benzo(k)fluoranthene**	**424**	J	ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
105-60-2	Caprolactam	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
86-74-8	Carbazole	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
218-01-9	**Chrysene**	**844**	J	ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	923	1840	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	923	1840	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
206-44-0	**Fluoranthene**	**1740**		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
86-73-7	Fluorene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
78-59-1	Isophorone	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
91-20-3	Naphthalene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
85-01-8	**Phenanthrene**	**1090**		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
108-95-2	Phenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
129-00-0	**Pyrene**	**1550**		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	464	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	232	921	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:01	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*59.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*61.9 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.6 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.2 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*30.7 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*54.3 %*	*10-137*

Pesticides, EPA TCL 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	92.3	92.3	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	9.12	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.29	7.29	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
50-29-3	**4,4'-DDT**	**7.68**		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:17	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.5 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:29	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*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**	**9550**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-36-0	**Antimony**	**1.77**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-38-2	**Arsenic**	**5.71**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-39-3	**Barium**	**122**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-70-2	**Calcium**	**8260**		mg/kg dry	0.553	5.53	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-48-4	**Cobalt**	**6.65**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-50-8	**Copper**	**48.0**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7439-89-6	**Iron**	**15600**		mg/kg dry	2.21	2.21	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7439-92-1	**Lead**	**210**		mg/kg dry	0.332	0.332	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW

Sample Information

Client Sample ID: **SB-2 (0'-2')** **York Sample ID:** **14H0993-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-95-4	**Magnesium**	**4040**		mg/kg dry	5.53	5.53	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7439-96-5	**Manganese**	**286**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-02-0	**Nickel**	**20.2**		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-09-7	**Potassium**	**1050**		mg/kg dry	5.53	5.53	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-23-5	**Sodium**	**639**		mg/kg dry	11.1	11.1	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-62-2	**Vanadium**	**27.2**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW
7440-66-6	**Zinc**	**200**		mg/kg dry	1.11	1.11	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:28	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.137**		mg/kg dry	0.0332	0.0332	1	EPA 7473	08/27/2014 06:41	08/27/2014 09:39	ALD

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**	**90.5**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.387	0.553	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**15.9**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
67-64-1	**Acetone**	**140**		ug/kg dry	2.4	9.8	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
107-02-8	Acrolein	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.8	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	08/28/2014 17:14	08/29/2014 02:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.8 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*90-112*

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
98-86-2	Acetophenone	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
62-53-3	Aniline	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
120-12-7	Anthracene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
1912-24-9	Atrazine	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
92-87-5	Benzidine	ND		ug/kg dry	174	347	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
56-55-3	**Benzo(a)anthracene**	**92.4**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
50-32-8	**Benzo(a)pyrene**	**62.9**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
205-99-2	**Benzo(b)fluoranthene**	**61.5**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
65-85-0	Benzoic acid	ND		ug/kg dry	119	347	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
207-08-9	**Benzo(k)fluoranthene**	**68.8**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
105-60-2	Caprolactam	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
86-74-8	Carbazole	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
218-01-9	**Chrysene**	**94.5**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	174	347	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	174	347	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
206-44-0	**Fluoranthene**	**182**		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
86-73-7	Fluorene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
78-59-1	Isophorone	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
85-01-8	**Phenanthrene**	**128**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
108-95-2	Phenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
129-00-0	**Pyrene**	**159**	J	ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.5	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.8	174	1	EPA 8270D	08/27/2014 19:00	08/28/2014 19:24	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*38.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*50.7 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.3 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.5 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*12.8 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*55.3 %*	*10-137*

Pesticides, EPA TCL 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	87.0	87.0	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.60	8.60	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.88	6.88	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:33	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.4 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
11096-82-5	**Aroclor 1260**	**0.171**		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC
1336-36-3	*** Total PCBs**	**0.171**		mg/kg dry	0.0174	0.0174	1	EPA 8082A	08/28/2014 06:10	08/28/2014 20:58	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*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**	**6700**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-36-0	Antimony	ND		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-38-2	**Arsenic**	**2.68**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-39-3	**Barium**	**78.4**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.313	0.313	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-70-2	**Calcium**	**27200**		mg/kg dry	0.521	5.21	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-48-4	**Cobalt**	**5.87**		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-50-8	**Copper**	**24.3**		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7439-89-6	**Iron**	**12000**		mg/kg dry	2.08	2.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7439-92-1	**Lead**	**81.5**		mg/kg dry	0.313	0.313	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW

Sample Information

Client Sample ID: **SB-2 (10'-12')** **York Sample ID:** **14H0993-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-95-4	**Magnesium**	**12000**		mg/kg dry	5.21	5.21	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7439-96-5	**Manganese**	**314**		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-02-0	**Nickel**	**15.9**		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-09-7	**Potassium**	**1040**		mg/kg dry	5.21	5.21	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7782-49-2	Selenium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.521	0.521	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-23-5	**Sodium**	**540**		mg/kg dry	10.4	10.4	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-62-2	**Vanadium**	**24.8**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW
7440-66-6	**Zinc**	**61.2**		mg/kg dry	1.04	1.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:32	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.0835**		mg/kg dry	0.0313	0.0313	1	EPA 7473	08/27/2014 06:41	08/27/2014 09:47	ALD

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**	**96.0**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.365	0.521	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**13.7**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
67-64-1	**Acetone**	**4.3**	J	ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*90-112*

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
98-86-2	Acetophenone	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
62-53-3	Aniline	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
120-12-7	**Anthracene**	**355**	J	ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
1912-24-9	Atrazine	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
92-87-5	Benzidine	ND		ug/kg dry	889	1770	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
56-55-3	**Benzo(a)anthracene**	**1480**		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
50-32-8	**Benzo(a)pyrene**	**405**	J	ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
205-99-2	**Benzo(b)fluoranthene**	**584**	J	ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
191-24-2	Benzo(g,h,i)perylene	ND	ISTD-LO	ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
65-85-0	Benzoic acid	ND		ug/kg dry	607	1780	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
207-08-9	**Benzo(k)fluoranthene**	**778**	J	ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
105-60-2	Caprolactam	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
86-74-8	Carbazole	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
218-01-9	**Chrysene**	**2180**		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND	ISTD-LO	ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	889	1770	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	889	1780	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
206-44-0	**Fluoranthene**	**3550**		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
86-73-7	Fluorene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**275**	ISTD-L O, J	ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
78-59-1	Isophorone	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
91-20-3	Naphthalene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
85-01-8	**Phenanthrene**	**1850**		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
108-95-2	Phenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
129-00-0	**Pyrene**	**3940**		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	447	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	224	888	5	EPA 8270D	08/27/2014 19:00	08/29/2014 00:32	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*64.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.2 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.4 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*30.3 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.4 %*	*10-137*

Pesticides, EPA TCL 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	88.9	88.9	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.79	8.79	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.03	7.03	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
50-29-3	**4,4'-DDT**	**3.10**		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B	08/28/2014 06:10	08/28/2014 21:49	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.8 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:27	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*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**	**8040**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-36-0	**Antimony**	**0.549**		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-38-2	**Arsenic**	**4.89**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-39-3	**Barium**	**110**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.320	0.320	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-70-2	**Calcium**	**4410**		mg/kg dry	0.533	5.33	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-48-4	**Cobalt**	**6.79**		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-50-8	**Copper**	**47.3**		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7439-89-6	**Iron**	**14400**		mg/kg dry	2.13	2.13	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW

Sample Information

Client Sample ID: **SB-3 (0'-2')** **York Sample ID:** **14H0993-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-92-1	**Lead**	**204**		mg/kg dry	0.320	0.320	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7439-95-4	**Magnesium**	**3020**		mg/kg dry	5.33	5.33	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7439-96-5	**Manganese**	**318**		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-02-0	**Nickel**	**21.2**		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-09-7	**Potassium**	**1180**		mg/kg dry	5.33	5.33	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7782-49-2	**Selenium**	**1.50**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-23-5	**Sodium**	**145**		mg/kg dry	10.7	10.7	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-62-2	**Vanadium**	**28.7**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW
7440-66-6	**Zinc**	**238**		mg/kg dry	1.07	1.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:37	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.136**		mg/kg dry	0.0320	0.0320	1	EPA 7473	08/27/2014 06:41	08/27/2014 09:56	ALD

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**	**93.9**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.373	0.533	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**17.6**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
67-64-1	**Acetone**	**12**		ug/kg dry	2.9	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
107-02-8	Acrolein	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-09-2	**Methylene chloride**	**7.9**	J	ug/kg dry	2.9	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	08/28/2014 17:14	08/29/2014 03:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.5 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*90-112*

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
98-86-2	Acetophenone	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
62-53-3	Aniline	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
120-12-7	Anthracene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
1912-24-9	Atrazine	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
92-87-5	Benzidine	ND		ug/kg dry	172	343	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
65-85-0	Benzoic acid	ND		ug/kg dry	117	343	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
105-60-2	Caprolactam	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
86-74-8	Carbazole	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
218-01-9	Chrysene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	172	343	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	172	343	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
206-44-0	Fluoranthene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
86-73-7	Fluorene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
78-59-1	Isophorone	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
85-01-8	Phenanthrene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
108-95-2	Phenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
129-00-0	Pyrene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.5	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.2	172	1	EPA 8270D	08/27/2014 19:00	08/28/2014 17:53	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*58.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*63.8 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*67.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.3 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*33.0 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.5 %*	*10-137*

Pesticides, EPA TCL 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	86.0	86.0	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.50	8.50	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
72-20-8	Endrin	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.80	6.80	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
309-00-2	Aldrin	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:05	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.1 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	08/28/2014 06:10	08/28/2014 21:56	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*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**	**3760**		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-36-0	Antimony	ND		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-39-3	**Barium**	**22.1**		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.103	0.103	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.309	0.309	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-70-2	**Calcium**	**667**		mg/kg dry	0.515	5.15	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-47-3	**Chromium**	**8.04**		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-48-4	**Cobalt**	**3.85**		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-50-8	**Copper**	**8.03**		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7439-89-6	**Iron**	**7680**		mg/kg dry	2.06	2.06	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW

Sample Information

Client Sample ID: **SB-3 (10'-12')** **York Sample ID:** **14H0993-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-92-1	**Lead**	**2.38**		mg/kg dry	0.309	0.309	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7439-95-4	**Magnesium**	**2050**		mg/kg dry	5.15	5.15	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7439-96-5	**Manganese**	**325**		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-02-0	**Nickel**	**9.43**		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-09-7	**Potassium**	**821**		mg/kg dry	5.15	5.15	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7782-49-2	Selenium	ND		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.515	0.515	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-23-5	**Sodium**	**54.7**		mg/kg dry	10.3	10.3	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-28-0	Thallium	ND		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-62-2	**Vanadium**	**10.3**		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW
7440-66-6	**Zinc**	**17.5**		mg/kg dry	1.03	1.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:54	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0309	0.0309	1	EPA 7473	08/27/2014 06:41	08/27/2014 10:05	ALD

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**	**97.1**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.360	0.515	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**7.81**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
67-64-1	**Acetone**	**180**		ug/kg dry	2.3	9.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
107-02-8	Acrolein	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*90-112*

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
98-86-2	Acetophenone	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
62-53-3	Aniline	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
120-12-7	Anthracene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
1912-24-9	Atrazine	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
92-87-5	Benzidine	ND		ug/kg dry	901	1800	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
56-55-3	**Benzo(a)anthracene**	**443**	J	ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
191-24-2	Benzo(g,h,i)perylene	ND	ISTD-LO	ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
65-85-0	Benzoic acid	ND		ug/kg dry	615	1800	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
105-60-2	Caprolactam	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
86-74-8	Carbazole	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
218-01-9	**Chrysene**	**619**	J	ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND	ISTD-LO	ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	901	1800	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	901	1800	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
206-44-0	**Fluoranthene**	**1360**		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
86-73-7	Fluorene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ISTD-LO	ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
78-59-1	Isophorone	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
91-20-3	Naphthalene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
85-01-8	**Phenanthrene**	**833**	J	ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
108-95-2	Phenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
129-00-0	**Pyrene**	**1160**		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	453	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	227	899	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:04	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.6 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*67.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*68.2 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.3 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*29.9 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.8 %*	*10-137*

Pesticides, EPA TCL 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	90.1	90.1	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.90	8.90	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.12	7.12	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 11:59	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.9 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC
1336-36-3	*** Total PCBs**	**0.0404**	A-01	mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 22:55	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*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**	**7250**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-36-0	**Antimony**	**1.23**		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-38-2	**Arsenic**	**6.74**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-39-3	**Barium**	**162**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-43-9	**Cadmium**	**0.762**		mg/kg dry	0.324	0.324	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-70-2	**Calcium**	**9870**		mg/kg dry	0.540	5.40	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-48-4	**Cobalt**	**7.07**		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-50-8	**Copper**	**76.3**		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7439-89-6	**Iron**	**28700**		mg/kg dry	2.16	2.16	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW

Sample Information

Client Sample ID: **SB-7 (0'-2')** **York Sample ID:** **14H0993-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-92-1	**Lead**	**284**		mg/kg dry	0.324	0.324	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7439-95-4	**Magnesium**	**3730**		mg/kg dry	5.40	5.40	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7439-96-5	**Manganese**	**323**		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-02-0	**Nickel**	**25.3**		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-09-7	**Potassium**	**1080**		mg/kg dry	5.40	5.40	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7782-49-2	**Selenium**	**1.09**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-22-4	Silver	ND		mg/kg dry	0.540	0.540	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-23-5	**Sodium**	**191**		mg/kg dry	10.8	10.8	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-62-2	**Vanadium**	**25.8**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW
7440-66-6	**Zinc**	**1410**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 19:59	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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**	**0.195**		mg/kg dry	0.0324	0.0324	1	EPA 7473	08/27/2014 06:41	08/27/2014 10:15	ALD

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**	**92.7**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.378	0.540	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**18.4**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-7 (10'-12')** **York Sample ID:** **14H0993-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
67-64-1	**Acetone**	**150**		ug/kg dry	2.6	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
107-02-8	Acrolein	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS

Sample Information

Client Sample ID: **SB-7 (10'-12')** **York Sample ID:** **14H0993-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*90-112*

Sample Information

Client Sample ID: **SB-7 (10'-12')** **York Sample ID:** **14H0993-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
98-86-2	Acetophenone	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
62-53-3	Aniline	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
120-12-7	Anthracene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
1912-24-9	Atrazine	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
92-87-5	Benzidine	ND		ug/kg dry	169	338	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
65-85-0	Benzoic acid	ND		ug/kg dry	116	338	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
105-60-2	Caprolactam	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
86-74-8	Carbazole	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
218-01-9	Chrysene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR

Sample Information

Client Sample ID: SB-7 (10'-12')

York Sample ID: 14H0993-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	169	338	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	169	338	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
206-44-0	Fluoranthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
86-73-7	Fluorene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
78-59-1	Isophorone	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
85-01-8	Phenanthrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR

Sample Information

Client Sample ID: SB-7 (10'-12')

York Sample ID: 14H0993-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
108-95-2	Phenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
129-00-0	Pyrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.2	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:23	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*55.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*63.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.7 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.2 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*33.4 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*63.2 %*	*10-137*

Pesticides, EPA TCL 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	84.7	84.7	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.37	8.37	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
72-20-8	Endrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.69	6.69	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
309-00-2	Aldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW

Sample Information

Client Sample ID: **SB-7 (10'-12')** **York Sample ID:** **14H0993-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:37	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*107 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:24	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*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**	**2400**		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-36-0	Antimony	ND		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-38-2	**Arsenic**	**1.37**		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-39-3	**Barium**	**39.5**		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.101	0.101	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.304	0.304	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-70-2	**Calcium**	**22600**		mg/kg dry	0.507	5.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-47-3	**Chromium**	**4.07**		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-48-4	**Cobalt**	**2.69**		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-50-8	**Copper**	**7.39**		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7439-89-6	**Iron**	**6440**		mg/kg dry	2.03	2.03	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7439-92-1	**Lead**	**2.13**		mg/kg dry	0.304	0.304	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW

Sample Information

Client Sample ID: **SB-7 (10'-12')** **York Sample ID:** **14H0993-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-95-4	**Magnesium**	**10100**		mg/kg dry	5.07	5.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7439-96-5	**Manganese**	**301**		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-02-0	**Nickel**	**7.56**		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-09-7	**Potassium**	**543**		mg/kg dry	5.07	5.07	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7782-49-2	Selenium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-22-4	Silver	ND		mg/kg dry	0.507	0.507	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-23-5	**Sodium**	**113**		mg/kg dry	10.1	10.1	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-28-0	Thallium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-62-2	**Vanadium**	**7.07**		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW
7440-66-6	**Zinc**	**15.6**		mg/kg dry	1.01	1.01	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:03	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0304	0.0304	1	EPA 7473	08/27/2014 06:41	08/27/2014 10:24	ALD

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**	**98.6**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.355	0.507	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**4.02**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
67-64-1	**Acetone**	**6.9**	J	ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-09-2	**Methylene chloride**	**5.3**	J	ug/kg dry	2.7	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
127-18-4	**Tetrachloroethylene**	**8.8**	CCV-E	ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	08/28/2014 17:14	08/29/2014 04:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*90-112*

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
98-86-2	Acetophenone	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
62-53-3	Aniline	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
120-12-7	Anthracene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
1912-24-9	Atrazine	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
92-87-5	Benzidine	ND		ug/kg dry	900	1790	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
56-55-3	**Benzo(a)anthracene**	**410**	J	ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
191-24-2	Benzo(g,h,i)perylene	ND	ISTD-LO	ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
65-85-0	Benzoic acid	ND		ug/kg dry	614	1800	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
105-60-2	Caprolactam	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
86-74-8	Carbazole	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
218-01-9	**Chrysene**	**665**	J	ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND	ISTD-LO	ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	900	1790	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	900	1800	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
206-44-0	**Fluoranthene**	**1100**		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
86-73-7	Fluorene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ISTD-LO	ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
78-59-1	Isophorone	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
85-01-8	**Phenanthrene**	**604**	J	ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
108-95-2	Phenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
129-00-0	**Pyrene**	**1020**		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	453	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	226	898	5	EPA 8270D	08/27/2014 19:00	08/29/2014 01:35	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*40.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*54.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.3 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.3 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*28.3 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.6 %*	*10-137*

Pesticides, EPA TCL 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	90.0	90.0	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.89	8.89	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.11	7.11	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B	08/28/2014 06:10	08/29/2014 12:15	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
11096-82-5	**Aroclor 1260**	**0.0793**		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC
1336-36-3	*** Total PCBs**	**0.0793**		mg/kg dry	0.0180	0.0180	1	EPA 8082A	08/28/2014 06:10	08/28/2014 23:53	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*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**	**7840**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-36-0	**Antimony**	**0.546**		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-38-2	**Arsenic**	**4.97**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-39-3	**Barium**	**177**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.323	0.323	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-70-2	**Calcium**	**16800**		mg/kg dry	0.539	5.39	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-48-4	**Cobalt**	**7.81**		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-50-8	**Copper**	**53.9**		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7439-89-6	**Iron**	**18000**		mg/kg dry	2.16	2.16	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW

Sample Information

Client Sample ID: **SB-8 (0'-2')** **York Sample ID:** **14H0993-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-92-1	**Lead**	**233**		mg/kg dry	0.323	0.323	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7439-95-4	**Magnesium**	**8060**		mg/kg dry	5.39	5.39	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7439-96-5	**Manganese**	**280**		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-02-0	**Nickel**	**21.8**		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-09-7	**Potassium**	**1660**		mg/kg dry	5.39	5.39	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7782-49-2	**Selenium**	**1.49**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-22-4	Silver	ND		mg/kg dry	0.539	0.539	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-23-5	**Sodium**	**225**		mg/kg dry	10.8	10.8	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-62-2	**Vanadium**	**33.5**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW
7440-66-6	**Zinc**	**173**		mg/kg dry	1.08	1.08	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:20	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0323	0.0323	1	EPA 7473	08/27/2014 06:41	08/27/2014 10:33	ALD

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**	**92.8**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.377	0.539	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**17.9**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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	08/28/2014 17:14	08/29/2014 05:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
67-64-1	**Acetone**	**16**		ug/kg dry	2.6	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
107-02-8	Acrolein	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Volatile Organics, NJDEP/TCL/Part 375 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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-09-2	**Methylene chloride**	**9.6**	J	ug/kg dry	2.6	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	08/28/2014 17:14	08/29/2014 05:28	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*90-112*

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
98-86-2	Acetophenone	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
62-53-3	Aniline	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
120-12-7	Anthracene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
1912-24-9	Atrazine	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
92-87-5	Benzidine	ND		ug/kg dry	170	339	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
65-85-0	Benzoic acid	ND		ug/kg dry	116	340	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
105-60-2	Caprolactam	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
86-74-8	Carbazole	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
218-01-9	Chrysene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	170	339	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	170	340	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
86-73-7	Fluorene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
78-59-1	Isophorone	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 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
108-95-2	Phenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
129-00-0	Pyrene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.6	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.8	170	1	EPA 8270D	08/27/2014 19:00	08/28/2014 18:54	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*51.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*57.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.0 %*	*10-126*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*30.2 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*56.6 %*	*10-137*

Pesticides, EPA TCL 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	85.0	85.0	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.40	8.40	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
72-20-8	Endrin	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.72	6.72	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
309-00-2	Aldrin	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

Pesticides, EPA TCL 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.68	1.68	5	EPA 8081B	08/28/2014 06:10	08/28/2014 22:53	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.3 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	0.0170	1	EPA 8082A	08/28/2014 06:10	08/29/2014 00:22	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*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**	**2780**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-36-0	Antimony	ND		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-39-3	**Barium**	**23.1**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.102	0.102	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.306	0.306	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-70-2	**Calcium**	**15700**		mg/kg dry	0.509	5.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-47-3	**Chromium**	**5.30**		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-48-4	**Cobalt**	**3.42**		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-50-8	**Copper**	**8.36**		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7439-89-6	**Iron**	**6620**		mg/kg dry	2.04	2.04	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW

Sample Information

Client Sample ID: **SB-8 (10'-12')** **York Sample ID:** **14H0993-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0993	14-133-1037-37-10 Crescent Street Long Island City	Soil	August 22, 2014 3:00 pm	08/22/2014

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
7439-92-1	**Lead**	**2.18**		mg/kg dry	0.306	0.306	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7439-95-4	**Magnesium**	**8390**		mg/kg dry	5.09	5.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7439-96-5	**Manganese**	**214**		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-02-0	**Nickel**	**8.38**		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-09-7	**Potassium**	**619**		mg/kg dry	5.09	5.09	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7782-49-2	Selenium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.509	0.509	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-23-5	**Sodium**	**79.5**		mg/kg dry	10.2	10.2	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-28-0	Thallium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-62-2	**Vanadium**	**9.34**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW
7440-66-6	**Zinc**	**15.7**		mg/kg dry	1.02	1.02	1	EPA 6010C	08/27/2014 14:00	08/27/2014 20:24	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

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	0.0306	0.0306	1	EPA 7473	08/27/2014 06:41	08/27/2014 10:42	ALD

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**	**98.2**		%	0.100	0.100	1	SM 2540G	08/27/2014 11:34	08/28/2014 11:20	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	0.356	0.509	1	EPA 7196A	08/29/2014 09:05	08/29/2014 17:15	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**	**5.21**		mg/kg	0.250	0.500	1	Calculation	08/29/2014 17:16	08/29/2014 17:27	SC

Analytical Batch Summary

Batch ID: BH41372 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/27/14
14H0993-02	SB-2 (10'-12')	08/27/14
14H0993-03	SB-3 (0'-2')	08/27/14
14H0993-04	SB-3 (10'-12')	08/27/14
14H0993-05	SB-7 (0'-2')	08/27/14
14H0993-06	SB-7 (10'-12')	08/27/14
14H0993-07	SB-8 (0'-2')	08/27/14
14H0993-08	SB-8 (10'-12')	08/27/14
BH41372-BLK1	Blank	08/27/14
BH41372-SRM1	Reference	08/27/14

Batch ID: BH41411 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/27/14
14H0993-02	SB-2 (10'-12')	08/27/14
14H0993-03	SB-3 (0'-2')	08/27/14
14H0993-04	SB-3 (10'-12')	08/27/14
14H0993-05	SB-7 (0'-2')	08/27/14
14H0993-06	SB-7 (10'-12')	08/27/14
14H0993-07	SB-8 (0'-2')	08/27/14
14H0993-08	SB-8 (10'-12')	08/27/14

Batch ID: BH41426 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/27/14
14H0993-02	SB-2 (10'-12')	08/27/14
14H0993-03	SB-3 (0'-2')	08/27/14
14H0993-04	SB-3 (10'-12')	08/27/14
14H0993-05	SB-7 (0'-2')	08/27/14
14H0993-06	SB-7 (10'-12')	08/27/14
14H0993-07	SB-8 (0'-2')	08/27/14
14H0993-08	SB-8 (10'-12')	08/27/14
BH41426-BLK1	Blank	08/27/14
BH41426-DUP1	Duplicate	08/27/14
BH41426-MS1	Matrix Spike	08/27/14
BH41426-SRM1	Reference	08/27/14

Batch ID: BH41432 **Preparation Method:** EPA 3550C **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/27/14
14H0993-02	SB-2 (10'-12')	08/27/14

14H0993-03	SB-3 (0'-2')	08/27/14
14H0993-04	SB-3 (10'-12')	08/27/14
14H0993-05	SB-7 (0'-2')	08/27/14
14H0993-06	SB-7 (10'-12')	08/27/14
14H0993-07	SB-8 (0'-2')	08/27/14
14H0993-08	SB-8 (10'-12')	08/27/14
BH41432-BLK1	Blank	08/27/14
BH41432-BS1	LCS	08/27/14
BH41432-BSD1	LCS Dup	08/27/14

Batch ID: BH41461 **Preparation Method:** EPA 3550C **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/28/14
14H0993-01	SB-2 (0'-2')	08/28/14
14H0993-02	SB-2 (10'-12')	08/28/14
14H0993-02	SB-2 (10'-12')	08/28/14
14H0993-03	SB-3 (0'-2')	08/28/14
14H0993-03	SB-3 (0'-2')	08/28/14
14H0993-04	SB-3 (10'-12')	08/28/14
14H0993-04	SB-3 (10'-12')	08/28/14
14H0993-05	SB-7 (0'-2')	08/28/14
14H0993-05	SB-7 (0'-2')	08/28/14
14H0993-06	SB-7 (10'-12')	08/28/14
14H0993-06	SB-7 (10'-12')	08/28/14
14H0993-07	SB-8 (0'-2')	08/28/14
14H0993-07	SB-8 (0'-2')	08/28/14
14H0993-08	SB-8 (10'-12')	08/28/14
14H0993-08	SB-8 (10'-12')	08/28/14
BH41461-BLK1	Blank	08/28/14
BH41461-BLK1	Blank	08/28/14
BH41461-BS1	LCS	08/28/14
BH41461-BS2	LCS	08/28/14
BH41461-BSD1	LCS Dup	08/28/14
BH41461-BSD2	LCS Dup	08/28/14
BH41461-MS1	Matrix Spike	08/28/14
BH41461-MS2	Matrix Spike	08/28/14

Batch ID: BH41524 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/28/14
14H0993-02	SB-2 (10'-12')	08/28/14
14H0993-03	SB-3 (0'-2')	08/28/14
14H0993-04	SB-3 (10'-12')	08/28/14
14H0993-05	SB-7 (0'-2')	08/28/14
14H0993-06	SB-7 (10'-12')	08/28/14
14H0993-07	SB-8 (0'-2')	08/28/14
14H0993-08	SB-8 (10'-12')	08/28/14
BH41524-BLK1	Blank	08/28/14
BH41524-BS1	LCS	08/28/14
BH41524-BSD1	LCS Dup	08/28/14

Batch ID: BH41554 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/29/14
14H0993-02	SB-2 (10'-12')	08/29/14
14H0993-03	SB-3 (0'-2')	08/29/14
14H0993-04	SB-3 (10'-12')	08/29/14
14H0993-05	SB-7 (0'-2')	08/29/14
14H0993-06	SB-7 (10'-12')	08/29/14
14H0993-07	SB-8 (0'-2')	08/29/14
14H0993-08	SB-8 (10'-12')	08/29/14
BH41554-BLK1	Blank	08/29/14
BH41554-BLK2	Blank	08/29/14
BH41554-SRM1	Reference	08/29/14
BH41554-SRM2	Reference	08/29/14

Batch ID: BH41599 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14H0993-01	SB-2 (0'-2')	08/29/14
14H0993-02	SB-2 (10'-12')	08/29/14
14H0993-03	SB-3 (0'-2')	08/29/14
14H0993-04	SB-3 (10'-12')	08/29/14
14H0993-05	SB-7 (0'-2')	08/29/14
14H0993-06	SB-7 (10'-12')	08/29/14
14H0993-07	SB-8 (0'-2')	08/29/14
14H0993-08	SB-8 (10'-12')	08/29/14

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 BH41524 - EPA 5035A											
Blank (BH41524-BLK1)											Prepared: 08/28/2014 Analyzed: 08/29/2014
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	"								
1,2,4-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	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	5.0	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	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	"								

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 BH41524 - EPA 5035A											
Blank (BH41524-BLK1)								Prepared: 08/28/2014 Analyzed: 08/29/2014			
Styrene	ND	5.0	ug/kg wet								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.5*	*75-127*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*90-112*				
LCS (BH41524-BS1)								Prepared: 08/28/2014 Analyzed: 08/29/2014			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.7	72-126				
1,1,1-Trichloroethane	46		"	50.0		91.9	74-126				
1,1,2,2-Tetrachloroethane	52		"	50.0		104	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62		"	50.0		125	47-160				
1,1,2-Trichloroethane	51		"	50.0		102	81-124				
1,1-Dichloroethane	46		"	50.0		93.0	80-125				
1,1-Dichloroethylene	42		"	50.0		84.9	62-136				
1,2,4-Trichlorobenzene	44		"	50.0		87.8	61-158				
1,2,4-Trimethylbenzene	48		"	50.0		95.9	83-123				
1,2-Dibromo-3-chloropropane	53		"	50.0		105	48-152				
1,2-Dibromoethane	51		"	50.0		103	81-123				
1,2-Dichlorobenzene	45		"	50.0		89.8	81-117				
1,2-Dichloroethane	46		"	50.0		92.1	67-129				
1,2-Dichloropropane	50		"	50.0		101	74-127				
1,3,5-Trimethylbenzene	48		"	50.0		95.3	81-120				
1,3-Dichlorobenzene	46		"	50.0		91.7	84-117				
1,4-Dichlorobenzene	44		"	50.0		87.8	85-118				
1,4-Dioxane	470		"	1000		46.8	31-190				
2-Butanone	44		"	50.0		88.0	58-159				
2-Hexanone	55		"	50.0		109	50-154				
4-Methyl-2-pentanone	54		"	50.0		109	53-149				
Acetone	38		"	50.0		75.3	32-173				
Acrolein	52		"	50.0		104	10-238				
Acrylonitrile	47		"	50.0		93.1	50-158				
Benzene	44		"	50.0		87.0	83-126				
Bromodichloromethane	53		"	50.0		106	74-126				
Bromoform	50		"	50.0		100	63-137				
Bromomethane	49		"	50.0		98.4	24-144				
Carbon disulfide	42		"	50.0		84.1	29-64	High Bias			
Carbon tetrachloride	44		"	50.0		88.8	68-132				
Chlorobenzene	47		"	50.0		93.0	87-115				
Chloroethane	43		"	50.0		86.4	39-146				
Chloroform	46		"	50.0		91.2	84-120				
Chloromethane	45		"	50.0		90.1	35-153				
cis-1,2-Dichloroethylene	43		"	50.0		85.0	86-121	Low Bias			
cis-1,3-Dichloropropylene	49		"	50.0		98.7	78-122				

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 BH41524 - EPA 5035A											
LCS (BH41524-BS1)							Prepared: 08/28/2014 Analyzed: 08/29/2014				
Dibromochloromethane	51		ug/L	50.0		102	41-149				
Dibromomethane	50		"	50.0		99.1	82-118				
Dichlorodifluoromethane	42		"	50.0		84.1	52-143				
Ethyl Benzene	48		"	50.0		95.1	81-118				
Hexachlorobutadiene	47		"	50.0		94.5	70-133				
Isopropylbenzene	49		"	50.0		98.3	78-122				
Methyl acetate	51		"	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.4	62-140				
Methylene chloride	46		"	50.0		92.7	48-143				
n-Butylbenzene	46		"	50.0		91.8	71-142				
n-Propylbenzene	46		"	50.0		92.0	80-123				
o-Xylene	51		"	50.0		102	81-118				
p- & m- Xylenes	94		"	100		93.8	80-120				
p-Isopropyltoluene	47		"	50.0		93.6	83-126				
sec-Butylbenzene	47		"	50.0		94.4	84-123				
Styrene	49		"	50.0		97.4	85-115				
tert-Butyl alcohol (TBA)	48		"	50.0		96.9	70-130				
tert-Butylbenzene	45		"	50.0		89.3	78-122				
Tetrachloroethylene	51		"	50.0		102	76-129				
Toluene	49		"	50.0		98.7	85-116				
trans-1,2-Dichloroethylene	45		"	50.0		90.0	66-136				
trans-1,3-Dichloropropylene	53		"	50.0		106	71-128				
Trichloroethylene	48		"	50.0		96.3	83-118				
Trichlorofluoromethane	41		"	50.0		82.0	54-141				
Vinyl Chloride	42		"	50.0		84.1	38-147				
Surrogate: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*75-127*				
Surrogate: Toluene-d8	*52.9*		*"*	*50.0*		*106*	*90-112*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH41524 - EPA 5035A

LCS Dup (BH41524-BSD1) Prepared: 08/28/2014 Analyzed: 08/29/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.1	72-126		1.59	30	
1,1,1-Trichloroethane	47		"	50.0		93.6	74-126		1.88	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		104	72-133		0.691	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	47-160		1.12	30	
1,1,2-Trichloroethane	51		"	50.0		102	81-124		0.391	30	
1,1-Dichloroethane	48		"	50.0		96.3	80-125		3.49	30	
1,1-Dichloroethylene	44		"	50.0		87.3	62-136		2.74	30	
1,2,4-Trichlorobenzene	48		"	50.0		95.5	61-158		8.40	30	
1,2,4-Trimethylbenzene	49		"	50.0		97.4	83-123		1.49	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	48-152		1.38	30	
1,2-Dibromoethane	53		"	50.0		106	81-123		3.19	30	
1,2-Dichlorobenzene	47		"	50.0		93.1	81-117		3.63	30	
1,2-Dichloroethane	46		"	50.0		91.5	67-129		0.719	30	
1,2-Dichloropropane	50		"	50.0		101	74-127		0.298	30	
1,3,5-Trimethylbenzene	49		"	50.0		97.1	81-120		1.81	30	
1,3-Dichlorobenzene	48		"	50.0		95.5	84-117		4.12	30	
1,4-Dichlorobenzene	47		"	50.0		93.6	85-118		6.40	30	
1,4-Dioxane	480		"	1000		48.0	31-190		2.59	30	
2-Butanone	45		"	50.0		90.1	58-159		2.29	30	
2-Hexanone	54		"	50.0		108	50-154		1.09	30	
4-Methyl-2-pentanone	75		"	50.0		150	53-149	High Bias	32.0	30	Non-dir.
Acetone	37		"	50.0		74.6	32-173		1.04	30	
Acrolein	51		"	50.0		102	10-238		1.26	30	
Acrylonitrile	47		"	50.0		94.4	50-158		1.34	30	
Benzene	45		"	50.0		89.4	83-126		2.65	30	
Bromodichloromethane	53		"	50.0		107	74-126		1.17	30	
Bromoform	51		"	50.0		103	63-137		2.39	30	
Bromomethane	51		"	50.0		101	24-144		2.71	30	
Carbon disulfide	44		"	50.0		87.1	29-64	High Bias	3.53	30	
Carbon tetrachloride	44		"	50.0		88.7	68-132		0.0451	30	
Chlorobenzene	46		"	50.0		91.4	87-115		1.71	30	
Chloroethane	42		"	50.0		84.3	39-146		2.53	30	
Chloroform	46		"	50.0		92.8	84-120		1.74	30	
Chloromethane	46		"	50.0		91.3	35-153		1.28	30	
cis-1,2-Dichloroethylene	45		"	50.0		90.0	86-121		5.71	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	78-122		6.83	30	
Dibromochloromethane	50		"	50.0		100	41-149		1.44	30	
Dibromomethane	49		"	50.0		97.4	82-118		1.71	30	
Dichlorodifluoromethane	43		"	50.0		86.0	52-143		2.28	30	
Ethyl Benzene	48		"	50.0		95.2	81-118		0.147	30	
Hexachlorobutadiene	47		"	50.0		93.0	70-133		1.51	30	
Isopropylbenzene	50		"	50.0		99.7	78-122		1.33	30	
Methyl acetate	50		"	50.0		101	41-143		0.376	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		95.0	62-140		1.63	30	
Methylene chloride	46		"	50.0		91.9	48-143		0.867	30	
n-Butylbenzene	48		"	50.0		95.5	71-142		3.93	30	
n-Propylbenzene	49		"	50.0		97.4	80-123		5.74	30	
o-Xylene	48		"	50.0		96.4	81-118		5.13	30	
p- & m- Xylenes	97		"	100		96.8	80-120		3.21	30	
p-Isopropyltoluene	47		"	50.0		93.4	83-126		0.171	30	
sec-Butylbenzene	51		"	50.0		101	84-123		7.13	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 BH41524 - EPA 5035A											
LCS Dup (BH41524-BSD1)								Prepared: 08/28/2014 Analyzed: 08/29/2014			
Styrene	48		ug/L	50.0		95.7	85-115		1.76	30	
tert-Butyl alcohol (TBA)	46		"	50.0		91.9	70-130		5.30	30	
tert-Butylbenzene	45		"	50.0		90.3	78-122		1.09	30	
Tetrachloroethylene	50		"	50.0		101	76-129		0.770	30	
Toluene	49		"	50.0		98.6	85-116		0.182	30	
trans-1,2-Dichloroethylene	44		"	50.0		88.7	66-136		1.52	30	
trans-1,3-Dichloropropylene	51		"	50.0		103	71-128		3.26	30	
Trichloroethylene	50		"	50.0		99.2	83-118		2.97	30	
Trichlorofluoromethane	42		"	50.0		83.5	54-141		1.84	30	
Vinyl Chloride	43		"	50.0		86.9	38-147		3.18	30	
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*75-127*				
Surrogate: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*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 BH41432 - EPA 3550C											
Blank (BH41432-BLK1)									Prepared: 08/27/2014 Analyzed: 08/28/2014		
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Acetophenone	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Atrazine	ND	167	"								
Benzaldehyde	ND	167	"								
Benzidine	ND	333	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzoic acid	ND	333	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
1,1'-Biphenyl	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
Caprolactam	ND	167	"								
Carbazole	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	"								
1,2-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
1,4-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	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	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 BH41432 - EPA 3550C											
Blank (BH41432-BLK1)								Prepared: 08/27/2014 Analyzed: 08/28/2014			
Hexachlorocyclopentadiene	ND	167	ug/kg wet								
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	"								
4-Nitroaniline	ND	167	"								
2-Nitroaniline	ND	167	"								
3-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	"								
1,2,4,5-Tetrachlorobenzene	ND	167	"								
2,3,4,6-Tetrachlorophenol	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1330*		*"*	*2510*		*52.9*	*10-105*				
Surrogate: Phenol-d5	*1110*		*"*	*2500*		*44.6*	*10-118*				
Surrogate: Nitrobenzene-d5	*898*		*"*	*1670*		*53.6*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*932*		*"*	*1670*		*55.9*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1200*		*"*	*2500*		*47.9*	*10-150*				
Surrogate: Terphenyl-d14	*1520*		*"*	*1670*		*91.2*	*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 BH41432 - EPA 3550C											
LCS (BH41432-BS1)								Prepared: 08/27/2014 Analyzed: 08/28/2014			
Acenaphthene	1500	167	ug/kg wet	1670		90.1	17-124				
Acenaphthylene	1390	167	"	1670		83.4	16-124				
Acetophenone	1200	167	"	1670		72.2	28-105				
Aniline	1160	167	"	1670		69.6	10-111				
Anthracene	1500	167	"	1670		89.9	24-124				
Atrazine	1350	167	"	1670		81.1	22-120				
Benzaldehyde	1100	167	"	1670		66.1	21-100				
Benzo(a)anthracene	1350	167	"	1670		80.8	25-134				
Benzo(a)pyrene	1490	167	"	1670		89.1	29-144				
Benzo(b)fluoranthene	1370	167	"	1670		82.5	20-151				
Benzo(g,h,i)perylene	1590	167	"	1670		95.2	10-153				
Benzoic acid	ND	333	"	1670			10-116	Low Bias			
Benzo(k)fluoranthene	1390	167	"	1670		83.3	10-148				
Benzyl alcohol	1180	167	"	1670		71.0	17-128				
Benzyl butyl phthalate	1300	167	"	1670		78.3	10-132				
1,1'-Biphenyl	1230	167	"	1670		73.9	22-103				
4-Bromophenyl phenyl ether	1490	167	"	1670		89.6	30-138				
Caprolactam	ND	167	"	1670			10-123	Low Bias			
Carbazole	1380	167	"	1670		82.7	31-120				
4-Chloro-3-methylphenol	1320	167	"	1670		79.0	16-138				
4-Chloroaniline	1080	167	"	1670		65.0	10-117				
Bis(2-chloroethoxy)methane	1330	167	"	1670		80.0	10-129				
Bis(2-chloroethyl)ether	1160	167	"	1670		69.9	14-125				
Bis(2-chloroisopropyl)ether	1240	167	"	1670		74.2	14-122				
2-Chloronaphthalene	1390	167	"	1670		83.4	22-115				
2-Chlorophenol	1140	167	"	1670		68.6	25-121				
4-Chlorophenyl phenyl ether	1460	167	"	1670		87.4	18-132				
Chrysene	1400	167	"	1670		84.2	24-116				
Dibenzo(a,h)anthracene	1580	167	"	1670		94.6	17-147				
Dibenzofuran	1380	167	"	1670		82.8	23-123				
Di-n-butyl phthalate	1400	167	"	1670		84.1	19-123				
1,2-Dichlorobenzene	1180	167	"	1670		70.9	26-113				
1,3-Dichlorobenzene	1200	167	"	1670		71.9	32-113				
1,4-Dichlorobenzene	1100	167	"	1670		66.0	28-111				
3,3'-Dichlorobenzidine	1220	333	"	1670		73.0	10-147				
2,4-Dichlorophenol	1290	167	"	1670		77.5	23-133				
Diethyl phthalate	1420	167	"	1670		84.9	23-122				
2,4-Dimethylphenol	1250	167	"	1670		75.1	15-131				
Dimethyl phthalate	1360	167	"	1670		81.6	28-127				
4,6-Dinitro-2-methylphenol	ND	167	"	1670			10-149	Low Bias			
2,4-Dinitrophenol	1320	333	"	1670		79.3	10-149				
2,4-Dinitrotoluene	1470	167	"	1670		88.0	30-123				
2,6-Dinitrotoluene	1440	167	"	1670		86.1	30-125				
Di-n-octyl phthalate	1340	167	"	1670		80.5	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	1240	167	"	1670		74.4	10-140				
Bis(2-ethylhexyl)phthalate	1320	167	"	1670		78.9	10-141				
Fluoranthene	1520	167	"	1670		90.9	36-125				
Fluorene	1470	167	"	1670		88.3	16-130				
Hexachlorobenzene	1470	167	"	1670		88.4	10-129				
Hexachlorobutadiene	1620	167	"	1670		97.0	22-153				
Hexachlorocyclopentadiene	519	167	"	1670		31.1	10-134				

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 BH41432 - EPA 3550C											
LCS (BH41432-BS1)								Prepared: 08/27/2014 Analyzed: 08/28/2014			
Hexachloroethane	1190	167	ug/kg wet	1670		71.4	20-112				
Indeno(1,2,3-cd)pyrene	1580	167	"	1670		94.8	10-155				
Isophorone	1330	167	"	1670		79.5	14-131				
2-Methylnaphthalene	1470	167	"	1670		88.2	16-127				
2-Methylphenol	1190	167	"	1670		71.1	10-146				
3- & 4-Methylphenols	1010	167	"	1670		60.5	20-109				
Naphthalene	1460	167	"	1670		87.7	20-121				
4-Nitroaniline	931	167	"	1670		55.9	14-125				
2-Nitroaniline	1300	167	"	1670		77.7	24-126				
3-Nitroaniline	1100	167	"	1670		66.0	23-123				
Nitrobenzene	1300	167	"	1670		77.9	20-121				
2-Nitrophenol	1280	167	"	1670		76.7	17-129				
4-Nitrophenol	ND	167	"	1670			10-136	Low Bias			
N-nitroso-di-n-propylamine	1140	167	"	1670		68.3	21-119				
N-Nitrosodimethylamine	957	167	"	1670		57.4	10-124				
N-Nitrosodiphenylamine	1580	167	"	1670		94.9	10-163				
Pentachlorophenol	735	167	"	1670		44.1	10-143				
Phenanthrene	1540	167	"	1670		92.1	24-123				
Phenol	1060	167	"	1670		63.8	15-123				
Pyrene	1430	167	"	1670		86.1	24-132				
1,2,4,5-Tetrachlorobenzene	1220	167	"	1670		73.4	10-144				
2,3,4,6-Tetrachlorophenol	2590	167	"	1670		156	30-130	High Bias			
1,2,4-Trichlorobenzene	1460	167	"	1670		87.7	23-130				
2,4,6-Trichlorophenol	1170	167	"	1670		70.0	27-122				
2,4,5-Trichlorophenol	1330	167	"	1670		80.0	14-138				
Surrogate: 2-Fluorophenol	*1870*		*"*	*2510*		*74.4*	*10-105*				
Surrogate: Phenol-d5	*1660*		*"*	*2500*		*66.5*	*10-118*				
Surrogate: Nitrobenzene-d5	*1250*		*"*	*1670*		*74.9*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1330*		*"*	*1670*		*79.6*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2200*		*"*	*2500*		*87.9*	*30-130*				
Surrogate: Terphenyl-d14	*1360*		*"*	*1670*		*81.3*	*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 BH41432 - EPA 3550C											
LCS Dup (BH41432-BSD1)								Prepared: 08/27/2014 Analyzed: 08/28/2014			
Acenaphthene	1460	167	ug/kg wet	1670		87.4	17-124		2.97	30	
Acenaphthylene	1320	167	"	1670		78.9	16-124		5.45	30	
Acetophenone	1140	167	"	1670		68.5	28-105		5.32	30	
Aniline	1120	167	"	1670		66.9	10-111		3.84	30	
Anthracene	1450	167	"	1670		86.9	24-124		3.42	30	
Atrazine	1280	167	"	1670		76.6	22-120		5.68	30	
Benzaldehyde	1030	167	"	1670		61.9	21-100		6.50	30	
Benzo(a)anthracene	1270	167	"	1670		76.2	25-134		5.86	30	
Benzo(a)pyrene	1340	167	"	1670		80.5	29-144		10.1	30	
Benzo(b)fluoranthene	1290	167	"	1670		77.2	20-151		6.59	30	
Benzo(g,h,i)perylene	1490	167	"	1670		89.3	10-153		6.35	30	
Benzoic acid	ND	333	"	1670			10-116	Low Bias		30	
Benzo(k)fluoranthene	1430	167	"	1670		85.9	10-148		3.07	30	
Benzyl alcohol	1120	167	"	1670		67.2	17-128		5.44	30	
Benzyl butyl phthalate	1230	167	"	1670		74.0	10-132		5.59	30	
1,1'-Biphenyl	1190	167	"	1670		71.6	22-103		3.11	30	
4-Bromophenyl phenyl ether	1420	167	"	1670		85.4	30-138		4.71	30	
Caprolactam	ND	167	"	1670			10-123	Low Bias		30	
Carbazole	1290	167	"	1670		77.5	31-120		6.51	30	
4-Chloro-3-methylphenol	1200	167	"	1670		71.9	16-138		9.44	30	
4-Chloroaniline	1100	167	"	1670		66.2	10-117		1.74	30	
Bis(2-chloroethoxy)methane	1270	167	"	1670		76.4	10-129		4.68	30	
Bis(2-chloroethyl)ether	1090	167	"	1670		65.3	14-125		6.84	30	
Bis(2-chloroisopropyl)ether	1170	167	"	1670		70.4	14-122		5.29	30	
2-Chloronaphthalene	1280	167	"	1670		77.1	22-115		7.83	30	
2-Chlorophenol	1100	167	"	1670		66.0	25-121		3.86	30	
4-Chlorophenyl phenyl ether	1370	167	"	1670		82.4	18-132		5.87	30	
Chrysene	1320	167	"	1670		79.3	24-116		6.04	30	
Dibenzo(a,h)anthracene	1500	167	"	1670		89.8	17-147		5.25	30	
Dibenzofuran	1280	167	"	1670		77.1	23-123		7.13	30	
Di-n-butyl phthalate	1330	167	"	1670		79.6	19-123		5.50	30	
1,2-Dichlorobenzene	1140	167	"	1670		68.4	26-113		3.53	30	
1,3-Dichlorobenzene	1140	167	"	1670		68.7	32-113		4.64	30	
1,4-Dichlorobenzene	1040	167	"	1670		62.6	28-111		5.38	30	
3,3'-Dichlorobenzidine	1160	333	"	1670		69.5	10-147		4.91	30	
2,4-Dichlorophenol	1240	167	"	1670		74.2	23-133		4.38	30	
Diethyl phthalate	1350	167	"	1670		80.8	23-122		4.95	30	
2,4-Dimethylphenol	1230	167	"	1670		73.8	15-131		1.67	30	
Dimethyl phthalate	1280	167	"	1670		76.9	28-127		5.98	30	
4,6-Dinitro-2-methylphenol	608	167	"	1670		36.5	10-149		170	30	Non-dir.
2,4-Dinitrophenol	1220	333	"	1670		73.5	10-149		7.67	30	
2,4-Dinitrotoluene	1370	167	"	1670		82.4	30-123		6.55	30	
2,6-Dinitrotoluene	1350	167	"	1670		80.8	30-125		6.37	30	
Di-n-octyl phthalate	1260	167	"	1670		75.9	10-132		5.83	30	
1,2-Diphenylhydrazine (as Azobenzene)	1190	167	"	1670		71.7	10-140		3.78	30	
Bis(2-ethylhexyl)phthalate	1260	167	"	1670		75.5	10-141		4.43	30	
Fluoranthene	1440	167	"	1670		86.7	36-125		4.80	30	
Fluorene	1390	167	"	1670		83.5	16-130		5.59	30	
Hexachlorobenzene	1380	167	"	1670		82.8	10-129		6.50	30	
Hexachlorobutadiene	1520	167	"	1670		91.3	22-153		6.03	30	
Hexachlorocyclopentadiene	536	167	"	1670		32.2	10-134		3.28	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 BH41432 - EPA 3550C											
LCS Dup (BH41432-BSD1)								Prepared: 08/27/2014 Analyzed: 08/28/2014			
Hexachloroethane	1140	167	ug/kg wet	1670		68.7	20-112		3.85	30	
Indeno(1,2,3-cd)pyrene	1480	167	"	1670		88.5	10-155		6.92	30	
Isophorone	1240	167	"	1670		74.6	14-131		6.44	30	
2-Methylnaphthalene	1370	167	"	1670		82.3	16-127		6.94	30	
2-Methylphenol	1130	167	"	1670		68.1	10-146		4.40	30	
3- & 4-Methylphenols	967	167	"	1670		58.0	20-109		4.25	30	
Naphthalene	1380	167	"	1670		82.8	20-121		5.65	30	
4-Nitroaniline	844	167	"	1670		50.7	14-125		9.80	30	
2-Nitroaniline	1210	167	"	1670		72.7	24-126		6.65	30	
3-Nitroaniline	1070	167	"	1670		64.2	23-123		2.73	30	
Nitrobenzene	1220	167	"	1670		73.2	20-121		6.19	30	
2-Nitrophenol	1230	167	"	1670		74.1	17-129		3.48	30	
4-Nitrophenol	ND	167	"	1670			10-136	Low Bias		30	
N-nitroso-di-n-propylamine	1070	167	"	1670		64.4	21-119		5.82	30	
N-Nitrosodimethylamine	895	167	"	1670		53.7	10-124		6.70	30	
N-Nitrosodiphenylamine	1500	167	"	1670		90.0	10-163		5.28	30	
Pentachlorophenol	780	167	"	1670		46.8	10-143		5.94	30	
Phenanthrene	1470	167	"	1670		88.0	24-123		4.57	30	
Phenol	1020	167	"	1670		61.0	15-123		4.62	30	
Pyrene	1370	167	"	1670		82.0	24-132		4.86	30	
1,2,4,5-Tetrachlorobenzene	1180	167	"	1670		71.0	10-144		3.38	30	
2,3,4,6-Tetrachlorophenol	2580	167	"	1670		155	30-130	High Bias	0.490	30	
1,2,4-Trichlorobenzene	1350	167	"	1670		80.9	23-130		8.07	30	
2,4,6-Trichlorophenol	1140	167	"	1670		68.4	27-122		2.40	30	
2,4,5-Trichlorophenol	1270	167	"	1670		76.3	14-138		4.68	30	
Surrogate: 2-Fluorophenol	*1790*		*"*	*2510*		*71.4*	*10-105*				
Surrogate: Phenol-d5	*1580*		*"*	*2500*		*63.4*	*10-118*				
Surrogate: Nitrobenzene-d5	*1190*		*"*	*1670*		*71.0*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1250*		*"*	*1670*		*75.2*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2160*		*"*	*2500*		*86.4*	*30-130*				
Surrogate: Terphenyl-d14	*1290*		*"*	*1670*		*77.5*	*10-137*				

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 BH41461 - EPA 3550C											
Blank (BH41461-BLK1)								Prepared & Analyzed: 08/28/2014			
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	"								
Surrogate: Tetrachloro-m-xylene	*61.3*		*"*	*66.7*		*91.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*63.7*		*"*	*66.7*		*95.6*	*30-140*				
LCS (BH41461-BS1)								Prepared & Analyzed: 08/28/2014			
Methoxychlor	34.1	1.65	ug/kg wet	33.3		102	40-140				
Heptachlor epoxide	29.0	0.330	"	33.3		86.9	40-140				
Heptachlor	29.7	0.330	"	33.3		89.1	40-140				
gamma-BHC (Lindane)	31.4	0.330	"	33.3		94.2	40-140				
Endrin ketone	30.7	0.330	"	33.3		92.1	40-140				
Endrin aldehyde	27.6	0.330	"	33.3		82.8	40-140				
Endrin	32.6	0.330	"	33.3		97.9	40-140				
Endosulfan sulfate	30.7	0.330	"	33.3		92.1	40-140				
Endosulfan II	29.5	0.330	"	33.3		88.4	40-140				
Endosulfan I	30.2	0.330	"	33.3		90.6	40-140				
Dieldrin	30.9	0.330	"	33.3		92.7	40-140				
delta-BHC	32.1	0.330	"	33.3		96.4	40-140				
beta-BHC	34.2	0.330	"	33.3		103	40-140				
alpha-BHC	32.0	0.330	"	33.3		96.0	40-140				
Aldrin	30.3	0.330	"	33.3		91.0	40-140				
4,4'-DDT	43.6	0.330	"	33.3		131	40-140				
4,4'-DDE	33.2	0.330	"	33.3		99.7	40-140				
4,4'-DDD	34.5	0.330	"	33.3		104	40-140				
Surrogate: Tetrachloro-m-xylene	*65.6*		*"*	*66.7*		*98.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*60.6*		*"*	*66.7*		*90.9*	*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 BH41461 - EPA 3550C											
LCS Dup (BH41461-BSD1)								Prepared & Analyzed: 08/28/2014			
Methoxychlor	32.2	1.65	ug/kg wet	33.3		96.5	40-140		5.85	30	
Heptachlor epoxide	27.5	0.330	"	33.3		82.5	40-140		5.17	30	
Heptachlor	28.1	0.330	"	33.3		84.2	40-140		5.64	30	
gamma-BHC (Lindane)	29.3	0.330	"	33.3		88.0	40-140		6.80	30	
Endrin ketone	29.5	0.330	"	33.3		88.4	40-140		4.06	30	
Endrin aldehyde	26.7	0.330	"	33.3		80.0	40-140		3.45	30	
Endrin	31.1	0.330	"	33.3		93.3	40-140		4.90	30	
Endosulfan sulfate	29.4	0.330	"	33.3		88.3	40-140		4.26	30	
Endosulfan II	28.4	0.330	"	33.3		85.1	40-140		3.77	30	
Endosulfan I	29.0	0.330	"	33.3		87.0	40-140		4.07	30	
Dieldrin	29.5	0.330	"	33.3		88.5	40-140		4.64	30	
delta-BHC	30.8	0.330	"	33.3		92.3	40-140		4.31	30	
beta-BHC	32.6	0.330	"	33.3		97.7	40-140		4.96	30	
alpha-BHC	29.8	0.330	"	33.3		89.3	40-140		7.29	30	
Aldrin	28.4	0.330	"	33.3		85.3	40-140		6.53	30	
4,4'-DDT	41.7	0.330	"	33.3		125	40-140		4.47	30	
4,4'-DDE	31.1	0.330	"	33.3		93.4	40-140		6.44	30	
4,4'-DDD	32.1	0.330	"	33.3		96.3	40-140		7.23	30	
Surrogate: Tetrachloro-m-xylene	*62.4*		*"*	*66.7*		*93.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*57.5*		*"*	*66.7*		*86.3*	*30-140*				
Matrix Spike (BH41461-MS1)	*Source sample: 14H0993-04 (SB-3 (10'-12'))							Prepared & Analyzed: 08/28/2014			
Methoxychlor	35.4	8.50	ug/kg dry	34.3	ND	103	30-150				
Heptachlor epoxide	31.3	1.70	"	34.3	ND	91.3	30-150				
Heptachlor	31.2	1.70	"	34.3	ND	90.8	30-150				
gamma-BHC (Lindane)	31.6	1.70	"	34.3	ND	92.2	30-150				
Endrin ketone	32.4	1.70	"	34.3	ND	94.4	30-150				
Endrin aldehyde	28.2	1.70	"	34.3	ND	82.3	30-150				
Endrin	38.3	1.70	"	34.3	ND	112	30-150				
Endosulfan sulfate	31.2	1.70	"	34.3	ND	90.8	30-150				
Endosulfan II	31.7	1.70	"	34.3	ND	92.5	30-150				
Endosulfan I	32.0	1.70	"	34.3	ND	93.1	30-150				
Dieldrin	32.7	1.70	"	34.3	ND	95.2	30-150				
delta-BHC	30.6	1.70	"	34.3	ND	89.2	30-150				
beta-BHC	35.1	1.70	"	34.3	ND	102	30-150				
alpha-BHC	31.2	1.70	"	34.3	ND	90.8	30-150				
Aldrin	29.9	1.70	"	34.3	ND	87.2	30-150				
4,4'-DDT	37.4	1.70	"	34.3	ND	109	30-150				
4,4'-DDE	32.5	1.70	"	34.3	ND	94.6	30-150				
4,4'-DDD	32.6	1.70	"	34.3	ND	95.0	30-150				
Surrogate: Tetrachloro-m-xylene	*78.5*		*"*	*68.6*		*114*	*30-140*				
Surrogate: Decachlorobiphenyl	*72.1*		*"*	*68.6*		*105*	*30-140*				

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 BH41461 - EPA 3550C											
Blank (BH41461-BLK1)							Prepared & Analyzed: 08/28/2014				
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				
LCS (BH41461-BS2)							Prepared & Analyzed: 08/28/2014				
Aroclor 1016	0.409	0.0167	mg/kg wet	0.333		123	40-130				
Aroclor 1260	0.422	0.0167	"	0.333		127	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0730*		*"*	*0.0667*		*110*	*30-140*				
LCS Dup (BH41461-BSD2)							Prepared & Analyzed: 08/28/2014				
Aroclor 1016	0.411	0.0167	mg/kg wet	0.333		123	40-130		0.569	25	
Aroclor 1260	0.423	0.0167	"	0.333		127	40-130		0.174	25	
Surrogate: Tetrachloro-m-xylene	*0.0657*		*"*	*0.0667*		*98.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0723*		*"*	*0.0667*		*108*	*30-140*				
Matrix Spike (BH41461-MS2)	*Source sample: 14H0993-04 (SB-3 (10'-12'))						Prepared & Analyzed: 08/28/2014				
Aroclor 1016	0.348	0.0172	mg/kg dry	0.343	ND	101	40-140				
Aroclor 1260	0.319	0.0172	"	0.343	ND	93.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0412*		*"*	*0.0686*		*60.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0319*		*"*	*0.0686*		*46.5*	*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 BH41426 - EPA 3050B											
Blank (BH41426-BLK1)								Prepared & Analyzed: 08/27/2014			
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	"								
Duplicate (BH41426-DUP1)	*Source sample: 14H0993-06 (SB-7 (10'-12'))							Prepared & Analyzed: 08/27/2014			
Aluminum	2400	1.01	mg/kg dry		2400				0.00305	35	
Antimony	ND	0.507	"		ND					35	
Arsenic	1.15	1.01	"		1.37				17.7	35	
Barium	39.5	1.01	"		39.5				0.112	35	
Beryllium	ND	0.101	"		ND					35	
Cadmium	ND	0.304	"		ND					35	
Calcium	22700	5.07	"		22600				0.567	35	
Chromium	4.07	0.507	"		4.07				0.136	35	
Cobalt	2.71	0.507	"		2.69				0.608	35	
Copper	7.44	0.507	"		7.39				0.762	35	
Iron	6420	2.03	"		6440				0.276	35	
Lead	2.11	0.304	"		2.13				0.636	35	
Magnesium	10200	5.07	"		10100				1.66	35	
Manganese	301	0.507	"		301				0.144	35	
Nickel	7.67	0.507	"		7.56				1.34	35	
Potassium	552	5.07	"		543				1.67	35	
Selenium	ND	1.01	"		ND					35	
Silver	ND	0.507	"		ND					35	
Sodium	112	10.1	"		113				0.337	35	
Thallium	ND	1.01	"		ND					35	
Vanadium	7.14	1.01	"		7.07				0.912	35	
Zinc	15.5	1.01	"		15.6				0.972	35	

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 BH41426 - EPA 3050B											
Matrix Spike (BH41426-MS1)	*Source sample: 14H0993-06 (SB-7 (10'-12'))						Prepared & Analyzed: 08/27/2014				
Aluminum	2610	1.01	mg/kg dry	203	2400	103	75-125				
Antimony	26.4	0.507	"	25.4	ND	104	75-125				
Arsenic	204	1.01	"	203	1.37	100	75-125				
Barium	248	1.01	"	203	39.5	103	75-125				
Beryllium	4.99	0.101	"	5.07	ND	98.3	75-125				
Cadmium	4.69	0.304	"	5.07	ND	92.6	75-125				
Chromium	24.8	0.507	"	20.3	4.07	102	75-125				
Cobalt	52.5	0.507	"	50.7	2.69	98.3	75-125				
Copper	34.1	0.507	"	25.4	7.39	105	75-125				
Iron	6530	2.03	"	101	6440	91.2	75-125				
Lead	50.9	0.304	"	50.7	2.13	96.2	75-125				
Magnesium	10100	5.07	"		10100		75-125				
Manganese	352	0.507	"	50.7	301	100	75-125				
Nickel	59.7	0.507	"	50.7	7.56	103	75-125				
Potassium	545	5.07	"		543		75-125				
Silver	4.02	0.507	"	5.07	ND	79.3	75-125				
Sodium	111	10.1	"		113		75-125				
Thallium	203	1.01	"	203	ND	100	75-125				
Vanadium	58.1	1.01	"	50.7	7.07	101	75-125				
Zinc	63.1	1.01	"	50.7	15.6	93.6	75-125				
Reference (BH41426-SRM1)							Prepared & Analyzed: 08/27/2014				
Aluminum	6160	1.00	mg/kg wet	9390		65.7	43.5-157				
Antimony	140	0.500	"	129		108	22.4-250				
Arsenic	83.9	1.00	"	88.4		94.9	69-131				
Barium	193	1.00	"	210		92.0	73.3-127				
Beryllium	53.6	0.100	"	55.8		96.0	73.1-127				
Cadmium	130	0.300	"	142		91.7	73.2-128				
Calcium	7090	5.00	"	7530		94.1	74.6-125				
Chromium	77.8	0.500	"	86.8		89.6	69.1-131				
Cobalt	191	0.500	"	199		95.9	74.4-126				
Copper	269	0.500	"	268		101	76.1-124				
Iron	10300	2.00	"	12800		80.4	31.6-168				
Lead	91.8	0.300	"	97.9		93.7	70.8-129				
Magnesium	2410	5.00	"	2850		84.5	65.3-135				
Manganese	404	0.500	"	425		95.0	76.2-124				
Nickel	235	0.500	"	236		99.8	74.2-128				
Potassium	2060	5.00	"	2570		80.1	61.1-139				
Selenium	121	1.00	"	127		95.4	66.6-134				
Silver	58.5	0.500	"	66.2		88.4	67.1-133				
Sodium	972	10.0	"	1040		93.4	60.4-139				
Thallium	130	1.00	"	140		93.1	68.3-132				
Vanadium	143	1.00	"	156		91.8	71.8-129				
Zinc	113	1.00	"	161		70.1	66.9-133				

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 BH41372 - EPA 7473 soil											
Blank (BH41372-BLK1)								Prepared & Analyzed: 08/27/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41372-SRM1)								Prepared & Analyzed: 08/27/2014			
Mercury	3.4152		mg/kg	3.73		91.6	68.6-131				

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 BH41554 - EPA SW846-3060											
Blank (BH41554-BLK1)								Prepared & Analyzed: 08/29/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Blank (BH41554-BLK2)								Prepared & Analyzed: 08/29/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41554-SRM1)								Prepared & Analyzed: 08/29/2014			
Chromium, Hexavalent	87.0		mg/L	125		69.6	20.2-180				
Reference (BH41554-SRM2)								Prepared & Analyzed: 08/29/2014			
Chromium, Hexavalent	104		mg/L	125		83.0	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14H0993-01	SB-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0993-02	SB-2 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
14H0993-03	SB-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0993-04	SB-3 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
14H0993-05	SB-7 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0993-06	SB-7 (10'-12')	40mL Vial with Stir Bar-Cool 4° C
14H0993-07	SB-8 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14H0993-08	SB-8 (10'-12')	40mL Vial with Stir Bar-Cool 4° C

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.
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.
ISTD-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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).
A-01	Sample contains PCB Aroclor 1262

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*	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
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. 1440993

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Athenica Env. Serv.	SAME [x]	SAME [x]	14-133-1037 - 37-10 Crescent Street, Long Island City	RUSH-Same Day ___	Summary Report ___
Address: 45-09 Greenpoint Ave.	Name:	Name:		RUSH-Next Day ___	QA Report ___
Queens, NY	Company:	Company:	Purchase Order #	RUSH-Two Day ___	CT RCP ___
Phone.: 718-784-7490	Address:	Address:		RUSH-Three Day ___	CT RCP DQA/DUE Pkg ___
Contact: Ezgi Karayel				RUSH-Four Day ___	NY ASP A Package ___
E-mail: ekarayel@athenica.com		E-mail	Samples from CT__ NY X NJ__	Standard (5-7day) X	NY ASP B Package ___
					NJDEP Reduced Deliv ___
					Excel ___
					NYSDEC EQuIS ___
					NJDEP SRP HazSite ___
					EQuIS ___
					GIS/KEY (std) ___
					YORK Regulatory Comp Excel compared to: Part 375 Unrestricted & Restricted Residential
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): E. R

Name (printed): Ethan Rodney

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SB-2 (0'-2')	8/22/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-2 (10'-12')	8/22/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-3 (0'-2')	8/22/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-3 (10'-12')	8/22/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-7 (0'-2')	8/22/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-7 (10'-12')	8/22/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-8 (0'-2')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar
SB-8 (10'-12')	8/21/2014	S	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals, chromiums	terra core kit, one 8-oz jar

Comments:

"E" Designation Site

Preservation (check all appliciable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/22/14 3PM	[signature]	8/22/14
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	8/22/14 1820

Temperature on Receipt: 3.9 °C

APPENDIX H

GROUNDWATER ANALYTICAL RESULTS

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Report Date: 09/03/2014
Client Project ID: 14-133-1037 - 37-10 Crescent Street, Long Island C
York Project (SDG) No.: 14H1087

Report Date: 09/03/2014
Client Project ID: 14-133-1037 - 37-10 Crescent Street, Long Island C
York Project (SDG) No.: 14H1087

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 26, 2014 and listed below. The project was identified as your project: **14-133-1037 - 37-10 Crescent Street, Long Island C**.

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
14H1087-01	MW-1	Water	08/25/2014	08/26/2014
14H1087-02	MW-2	Water	08/25/2014	08/26/2014
14H1087-03	MW-3	Water	08/25/2014	08/26/2014
14H1087-04	Trip Blank	Water	08/25/2014	08/26/2014

General Notes for York Project (SDG) No.: 14H1087

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: 09/03/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
67-64-1	**Acetone**	**2.0**	CCV-E, B	ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-15-0	**Carbon disulfide**	**0.33**	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
67-66-3	**Chloroform**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
127-18-4	**Tetrachloroethylene**	**3.8**		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
79-01-6	**Trichloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/02/2014 08:08	09/02/2014 15:44	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*133 %*	S-08	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*97.6 %*		*88-114*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **Sample Notes:** **EXT-D**

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	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **Sample Notes:** **EXT-D**

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
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.37**		ug/L	0.541	0.541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
91-20-3	**Naphthalene**	**0.335**		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:16	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **Sample Notes:** **EXT-D**

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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:57	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.1 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*14.5 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.9 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*43.9 %*	*10-108*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*61.2 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.0 %*	*10-143*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0108	0.0108	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
72-43-5	Methoxychlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:22	JW

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*21.6 %*	GC-Sur r	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.4 %*		*30-120*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes: M-DISS **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	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:02	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: M-DISS **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**	**90.1**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-36-0	**Antimony**	**0.006**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-38-2	**Arsenic**	**0.015**		mg/L	0.004	0.004	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-39-3	**Barium**	**2.19**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-41-7	**Beryllium**	**0.005**		mg/L	0.001	0.001	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-70-2	**Calcium**	**159**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-47-3	**Chromium**	**0.723**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-48-4	**Cobalt**	**0.233**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-50-8	**Copper**	**0.842**		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7439-89-6	**Iron**	**241**		mg/L	0.020	0.020	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7439-92-1	**Lead**	**0.218**		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7439-95-4	**Magnesium**	**95.9**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7439-96-5	**Manganese**	**23.5**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-02-0	**Nickel**	**0.528**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-09-7	**Potassium**	**28.4**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7782-49-2	**Selenium**	**0.022**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-23-5	**Sodium**	**84.3**		mg/L	0.100	0.100	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-62-2	**Vanadium**	**0.247**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW
7440-66-6	**Zinc**	**0.615**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:40	MW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS **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	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-36-0	Antimony	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-38-2	Arsenic	ND	M-DISS	mg/L	0.004	0.004	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-39-3	**Barium**	**0.117**	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-41-7	Beryllium	ND	M-DISS	mg/L	0.001	0.001	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-43-9	Cadmium	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-70-2	**Calcium**	**103**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-47-3	Chromium	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-48-4	Cobalt	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-50-8	Copper	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7439-89-6	Iron	ND	M-DISS	mg/L	0.020	0.020	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7439-92-1	Lead	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7439-95-4	**Magnesium**	**36.1**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7439-96-5	**Manganese**	**3.08**	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-02-0	**Nickel**	**0.013**	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-09-7	**Potassium**	**5.88**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7782-49-2	Selenium	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-22-4	Silver	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-23-5	**Sodium**	**76.3**	M-DISS	mg/L	0.100	0.100	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-28-0	Thallium	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-62-2	Vanadium	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW
7440-66-6	Zinc	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:28	MW

Mercury by 7473

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	0.00020	1	EPA 7473	09/03/2014 06:32	09/03/2014 11:25	ALD

Mercury by 7473, Dissolved

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	0.00020	1	EPA 7473	09/03/2014 06:32	09/03/2014 11:25	ALD

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14H1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Chromium, Hexavalent

Log-in Notes: M-DISS **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	08/27/2014 08:31	08/27/2014 08:31	SC

Chromium, Trivalent

Log-in Notes: M-DISS **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**	**0.723**		mg/L	0.00800	0.0100	1	Calculation	09/03/2014 07:56	09/03/2014 07:58	SC

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **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
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
67-64-1	**Acetone**	**4.7**	CCV-E , B	ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
67-66-3	**Chloroform**	**1.7**		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
127-18-4	**Tetrachloroethylene**	**4.4**		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
79-01-6	**Trichloroethylene**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:22	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*99.0 %*	*88-114*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **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
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**3.83**		ug/L	0.526	0.526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
91-20-3	**Naphthalene**	**0.947**		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 14H1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	08/29/2014 08:03	08/29/2014 16:46	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:28	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*15.2 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*12.4 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*40.5 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.7 %*	*10-108*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*56.2 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.1 %*	*10-143*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:37	JW

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*21.8 %*	GC-Sur r	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*		*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes: M-DISS **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	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:22	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: M-DISS **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**	**23.4**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-38-2	**Arsenic**	**0.008**		mg/L	0.004	0.004	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-39-3	**Barium**	**0.599**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Metals, Target Analyte

Log-in Notes: M-DISS **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
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-70-2	**Calcium**	**119**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-47-3	**Chromium**	**0.049**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-48-4	**Cobalt**	**0.050**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-50-8	**Copper**	**0.188**		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7439-89-6	**Iron**	**54.6**		mg/L	0.020	0.020	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7439-92-1	**Lead**	**0.043**		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7439-95-4	**Magnesium**	**49.3**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7439-96-5	**Manganese**	**5.38**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-02-0	**Nickel**	**0.091**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-09-7	**Potassium**	**9.76**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-23-5	**Sodium**	**104**		mg/L	0.100	0.100	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-62-2	**Vanadium**	**0.087**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW
7440-66-6	**Zinc**	**0.190**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:45	MW

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS **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	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-36-0	Antimony	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-38-2	Arsenic	ND	M-DISS	mg/L	0.004	0.004	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-39-3	**Barium**	**0.114**	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-41-7	Beryllium	ND	M-DISS	mg/L	0.001	0.001	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-43-9	Cadmium	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-70-2	**Calcium**	**106**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-47-3	Chromium	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-48-4	Cobalt	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-50-8	Copper	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7439-89-6	Iron	ND	M-DISS	mg/L	0.020	0.020	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7439-92-1	Lead	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7439-95-4	**Magnesium**	**34.9**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7439-96-5	**Manganese**	**0.274**	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-02-0	Nickel	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14H1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS **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
7440-09-7	**Potassium**	**4.51**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7782-49-2	Selenium	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-22-4	Silver	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-23-5	**Sodium**	**98.1**	M-DISS	mg/L	0.100	0.100	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-28-0	Thallium	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-62-2	Vanadium	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW
7440-66-6	Zinc	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:33	MW

Mercury by 7473

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	0.00020	1	EPA 7473	09/03/2014 06:32	09/03/2014 11:25	ALD

Mercury by 7473, Dissolved

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	0.00020	1	EPA 7473	09/03/2014 06:32	09/03/2014 11:25	ALD

Chromium, Hexavalent

Log-in Notes: M-DISS **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	08/27/2014 08:31	08/27/2014 08:31	SC

Chromium, Trivalent

Log-in Notes: M-DISS **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**	**0.0490**		mg/L	0.00800	0.0100	1	Calculation	09/03/2014 07:56	09/03/2014 07:58	SC

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **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	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
67-66-3	**Chloroform**	**1.9**		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
127-18-4	**Tetrachloroethylene**	**4.1**		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
79-01-6	**Trichloroethylene**	**0.43**	J	ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/02/2014 08:08	09/02/2014 16:56	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*116 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*88-114*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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	08/29/2014 08:03	08/29/2014 17:16	ZZZ
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** M-DISS **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
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.995**		ug/L	0.513	0.513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
91-20-3	**Naphthalene**	**0.154**		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	08/29/2014 08:03	08/29/2014 17:16	ZZZ
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	08/29/2014 08:03	08/29/2014 18:59	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.5 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*13.8 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.9 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.0 %*	*10-108*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*61.6 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*58.6 %*	*10-143*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes: M-DISS **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
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	08/29/2014 08:00	09/02/2014 10:52	JW

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*26.5 %*	GC-Sur r	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.9 %*		*30-120*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes: M-DISS **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	08/29/2014 08:00	08/29/2014 17:41	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	08/29/2014 08:00	08/29/2014 17:41	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes: M-DISS **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**	**5.01**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-39-3	**Barium**	**0.263**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-70-2	**Calcium**	**121**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-47-3	**Chromium**	**0.020**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-48-4	**Cobalt**	**0.012**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-50-8	**Copper**	**0.029**		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7439-89-6	**Iron**	**11.8**		mg/L	0.020	0.020	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7439-92-1	**Lead**	**0.010**		mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7439-95-4	**Magnesium**	**40.2**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7439-96-5	**Manganese**	**2.14**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-02-0	**Nickel**	**0.033**		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-09-7	**Potassium**	**6.05**		mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-23-5	**Sodium**	**153**		mg/L	0.100	0.100	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-62-2	**Vanadium**	**0.016**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW
7440-66-6	**Zinc**	**0.045**		mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 13:15	08/29/2014 01:49	MW

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 14H1087-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS **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**	**0.026**	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-36-0	Antimony	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-38-2	Arsenic	ND	M-DISS	mg/L	0.004	0.004	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-39-3	**Barium**	**0.161**	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-41-7	Beryllium	ND	M-DISS	mg/L	0.001	0.001	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-43-9	Cadmium	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-70-2	**Calcium**	**117**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-47-3	Chromium	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-48-4	Cobalt	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-50-8	Copper	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7439-89-6	Iron	ND	M-DISS	mg/L	0.020	0.020	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7439-92-1	Lead	ND	M-DISS	mg/L	0.003	0.003	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7439-95-4	**Magnesium**	**36.6**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7439-96-5	**Manganese**	**0.974**	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-02-0	**Nickel**	**0.007**	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-09-7	**Potassium**	**4.51**	M-DISS	mg/L	0.050	0.050	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7782-49-2	Selenium	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-22-4	Silver	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-23-5	**Sodium**	**146**	M-DISS	mg/L	0.100	0.100	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-28-0	Thallium	ND	M-DISS	mg/L	0.005	0.005	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-62-2	Vanadium	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW
7440-66-6	Zinc	ND	M-DISS	mg/L	0.010	0.010	1	EPA 6010C	08/28/2014 12:57	08/28/2014 22:38	MW

Mercury by 7473

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	0.00020	1	EPA 7473	09/03/2014 06:32	09/03/2014 11:25	ALD

Mercury by 7473, Dissolved

Log-in Notes: M-DISS **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.00020	0.00020	1	EPA 7473	09/03/2014 06:32	09/03/2014 11:25	ALD

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14H1087-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Chromium, Hexavalent

Log-in Notes: M-DISS **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	08/27/2014 08:31	08/27/2014 08:31	SC

Chromium, Trivalent

Log-in Notes: M-DISS **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**	**0.0200**		mg/L	0.00800	0.0100	1	Calculation	09/03/2014 07:56	09/03/2014 07:58	SC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14H1087-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14H1087-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 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
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
67-64-1	**Acetone**	**8.3**	CCV-E , B	ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14H1087-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H1087	14-133-1037 - 37-10 Crescent Street, Long Island C	Water	August 25, 2014 3:00 pm	08/26/2014

Volatile Organics, NJDEP/TCL/Part 375 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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/02/2014 08:08	09/02/2014 17:34	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*126 %*	S-08	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*		*88-114*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14H1087-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14H1087-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14H1087-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14H1087-04	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.
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-DISS	The sample submitted for Dissolved Metals was not field filtered. The sample was filtered at the laboratory.
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-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.
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.

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*	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
YORK ANALYTICAL LABORATORIES
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. 1441087

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Athenica Env. Serv.	SAME [x]	SAME [x]	14-133-1037 - 37-10 Crescent Street, Long Island City	RUSH-Same Day ___	Summary Report ___
Address: 45-09 Greenpoint Ave.	Name:	Name:		RUSH-Next Day ___	QA Report ___
Queens, NY	Company:	Company:	Purchase Order #	RUSH-Two Day ___	CT RCP ___
Phone.: 718-784-7490	Address:	Address:		RUSH-Three Day ___	CT RCP DQA/DUE Pkg ___
Contact: Ezgi Karayel				RUSH-Four Day ___	NY ASP A Package ___
E-mail: ekarayel@athenica.com		E-mail	Samples from CT__ NY X NJ__	Standard (5-7day) X	NY ASP B Package ___
					NJDEP Reduced Deliv ___
					Excel ___
					NYSDEC EQuIS ___
					NJDEP SRP HazSite ___
					EQuIS ___
					GIS/KEY (std) ___
					YORK Regulatory Comp Excel compared to: NYSDEC GQS
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

E. R.
Samples Collected/Authorized By (Signature)

Ethan Karayel
Name (printed)

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1	8/25/2014	GW	TCL VOCs, TCL SVOCs, 8081/8082, TAL Metals (filtered&unfiltered), chromiums	Three 1L ambers, two 250ml plastic, one 250ml plastic with nitric acid, three 40ml vials
MW-2	8/25/2014	GW		
MW-3	8/25/2014	GW		
Trip Blank	8/25/2014	DI	TCL VOCs	two 40ml vials

Comments:

"E" Designation Site

Preservation (check all appliciable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Athenica Cooler	8/26/14 825 PM	K Barker	8/26/14 825 AM
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Kahl	8/26/14 1800

Temperature on Receipt: 4.9 °C

APPENDIX I

SOIL VAPOR ANALYTICAL RESULTS

Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Report Date: 08/29/2014
Client Project ID: 14-133-1037 37-10 Crescent St.
York Project (SDG) No.: 14H0966

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: 08/29/2014
Client Project ID: 14-133-1037 37-10 Crescent St.
York Project (SDG) No.: 14H0966

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Ezgi Karayel

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 25, 2014 and listed below. The project was identified as your project: **14-133-1037 37-10 Crescent St.**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14H0966-01	SV-1 (Y58)	Soil Vapor	08/22/2014	08/25/2014
14H0966-02	SV-2 (S02)	Soil Vapor	08/22/2014	08/25/2014
14H0966-03	SV-3 (#26)	Soil Vapor	08/22/2014	08/25/2014
14H0966-04	SV-4 (Y1127)	Soil Vapor	08/22/2014	08/25/2014
14H0966-05	SV-5 (S23)	Soil Vapor	08/22/2014	08/25/2014

General Notes for York Project (SDG) No.: 14H0966

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: 08/29/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1 (Y58)** **York Sample ID:** **14H0966-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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	3.1	3.1	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
108-05-4	Vinyl acetate	ND		ug/m³	8.7	8.7	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
79-01-6	Trichloroethylene	ND		ug/m³	3.3	3.3	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	9.7	9.7	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
108-88-3	**Toluene**	**44**		ug/m³	9.3	9.3	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	7.3	7.3	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
127-18-4	**Tetrachloroethylene**	**85**		ug/m³	4.2	4.2	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
100-42-5	Styrene	ND		ug/m³	10	10	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
115-07-1	* Propylene	ND		ug/m³	4.2	4.2	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
622-96-8	*** p-Ethyltoluene**	**18**		ug/m³	12	12	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
179601-23-1	**p- & m- Xylenes**	**48**		ug/m³	21	21	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
95-47-6	**o-Xylene**	**18**		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
110-54-3	n-Hexane	ND		ug/m³	8.7	8.7	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
142-82-5	n-Heptane	ND		ug/m³	10	10	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-09-2	Methylene chloride	ND		ug/m³	17	17	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	8.9	8.9	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	10	10	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
67-63-0	Isopropanol	ND		ug/m³	12	12	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	26	26	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
100-41-4	**Ethyl Benzene**	**13**		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	18	18	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
110-82-7	Cyclohexane	ND		ug/m³	8.5	8.5	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	9.7	9.7	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
74-87-3	Chloromethane	ND		ug/m³	5.1	5.1	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
67-66-3	**Chloroform**	**14**		ug/m³	12	12	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-00-3	Chloroethane	ND		ug/m³	6.5	6.5	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.9	3.9	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-15-0	Carbon disulfide	ND		ug/m³	7.7	7.7	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
74-83-9	Bromomethane	ND		ug/m³	9.5	9.5	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-25-2	Bromoform	ND		ug/m³	25	25	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	15	15	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
100-44-7	Benzyl chloride	ND		ug/m³	13	13	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
71-43-2	Benzene	ND		ug/m³	7.9	7.9	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
67-64-1	**Acetone**	**72**		ug/m³	5.8	5.8	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	20	20	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
78-93-3	2-Butanone	ND		ug/m³	7.3	7.3	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD

Sample Information

Client Sample ID: **SV-1 (Y58)** **York Sample ID:** **14H0966-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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	8.9	8.9	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	15	15	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	15	15	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	12	12	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	17	17	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	10	10	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	15	15	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**21**		ug/m³	12	12	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	18	18	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	9.7	9.7	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	10	10	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	14	14	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	13	13	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	19	19	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	17	17	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	13	13	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	12	12	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	19	19	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	20	20	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	10	10	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD
108-90-7	Chlorobenzene	ND		ug/m³	11	11	24.59	EPA TO-15	08/26/2014 14:43	08/27/2014 19:42	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.0 %*	*72-118*

Sample Information

Client Sample ID: **SV-2 (S02)** **York Sample ID:** **14H0966-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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	3.8	3.8	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
108-05-4	Vinyl acetate	ND		ug/m³	10	10	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD

Sample Information

Client Sample ID: **SV-2 (S02)** **York Sample ID:** **14H0966-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
79-01-6	**Trichloroethylene**	**21**		ug/m³	4.0	4.0	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	13	13	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
108-88-3	**Toluene**	**36**		ug/m³	11	11	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.7	8.7	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
127-18-4	**Tetrachloroethylene**	**350**		ug/m³	5.0	5.0	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
100-42-5	Styrene	ND		ug/m³	13	13	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
115-07-1	* Propylene	ND		ug/m³	5.1	5.1	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
622-96-8	*** p-Ethyltoluene**	**20**		ug/m³	15	15	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
179601-23-1	**p- & m- Xylenes**	**44**		ug/m³	26	26	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
95-47-6	**o-Xylene**	**17**		ug/m³	13	13	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
110-54-3	n-Hexane	ND		ug/m³	10	10	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
142-82-5	n-Heptane	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-09-2	Methylene chloride	ND		ug/m³	21	21	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	11	11	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
67-63-0	Isopropanol	ND		ug/m³	15	15	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	32	32	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	13	13	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	21	21	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
110-82-7	Cyclohexane	ND		ug/m³	10	10	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	13	13	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
74-87-3	Chloromethane	ND		ug/m³	6.1	6.1	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
67-66-3	**Chloroform**	**69**		ug/m³	14	14	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-00-3	Chloroethane	ND		ug/m³	7.8	7.8	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	4.7	4.7	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-15-0	Carbon disulfide	ND		ug/m³	9.2	9.2	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
74-83-9	Bromomethane	ND		ug/m³	11	11	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-25-2	Bromoform	ND		ug/m³	31	31	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	18	18	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
100-44-7	Benzyl chloride	ND		ug/m³	15	15	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
71-43-2	Benzene	ND		ug/m³	9.5	9.5	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
67-64-1	**Acetone**	**71**		ug/m³	7.0	7.0	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	24	24	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
78-93-3	2-Butanone	ND		ug/m³	8.7	8.7	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	11	11	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	18	18	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	18	18	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD

Sample Information

Client Sample ID: **SV-2 (S02)** **York Sample ID:** **14H0966-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
106-99-0	1,3-Butadiene	ND		ug/m³	13	13	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	15	15	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	21	21	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	14	14	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	18	18	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**22**		ug/m³	15	15	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	22	22	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**45**		ug/m³	17	17	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	16	16	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	23	23	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	20	20	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	16	16	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
75-71-8	**Dichlorodifluoromethane**	**22**		ug/m³	15	15	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	23	23	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	24	24	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	12	12	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD
108-90-7	Chlorobenzene	ND		ug/m³	14	14	29.6	EPA TO-15	08/26/2014 14:43	08/27/2014 20:32	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*72-118*

Sample Information

Client Sample ID: **SV-3 (#26)** **York Sample ID:** **14H0966-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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	2.7	2.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
108-05-4	Vinyl acetate	ND		ug/m³	7.6	7.6	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
79-01-6	**Trichloroethylene**	**27**		ug/m³	2.9	2.9	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.7	9.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD

Sample Information

Client Sample ID: **SV-3 (#26)** **York Sample ID:** **14H0966-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
108-88-3	**Toluene**	**19**		ug/m³	8.1	8.1	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.3	6.3	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
127-18-4	**Tetrachloroethylene**	**370**		ug/m³	3.6	3.6	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
100-42-5	**Styrene**	**37**		ug/m³	9.1	9.1	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
115-07-1	* Propylene	ND		ug/m³	3.7	3.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
622-96-8	*** p-Ethyltoluene**	**19**		ug/m³	11	11	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
179601-23-1	**p- & m- Xylenes**	**42**		ug/m³	19	19	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
95-47-6	**o-Xylene**	**19**		ug/m³	9.3	9.3	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
110-54-3	**n-Hexane**	**21**		ug/m³	7.6	7.6	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
142-82-5	n-Heptane	ND		ug/m³	8.8	8.8	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-09-2	**Methylene chloride**	**49**		ug/m³	15	15	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.7	7.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.8	8.8	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
67-63-0	**Isopropanol**	**11**		ug/m³	11	11	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	23	23	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
100-41-4	**Ethyl Benzene**	**40**		ug/m³	9.3	9.3	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
110-82-7	Cyclohexane	ND		ug/m³	7.4	7.4	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.7	9.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
74-87-3	Chloromethane	ND		ug/m³	4.4	4.4	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
67-66-3	**Chloroform**	**39**		ug/m³	10	10	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-00-3	Chloroethane	ND		ug/m³	5.7	5.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.4	3.4	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-15-0	Carbon disulfide	ND		ug/m³	6.7	6.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
74-83-9	Bromomethane	ND		ug/m³	8.3	8.3	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-25-2	Bromoform	ND		ug/m³	22	22	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
71-43-2	Benzene	ND		ug/m³	6.9	6.9	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
67-64-1	**Acetone**	**87**		ug/m³	5.1	5.1	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	18	18	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
78-93-3	**2-Butanone**	**8.2**		ug/m³	6.3	6.3	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	7.7	7.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	9.3	9.3	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	11	11	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD

Sample Information

Client Sample ID: **SV-3 (#26)** **York Sample ID:** **14H0966-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.9	9.9	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.7	8.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**22**		ug/m³	11	11	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.7	8.7	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4000**		ug/m³	12	12	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	12	12	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	15	15	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
71-55-6	**1,1,1-Trichloroethane**	**27**		ug/m³	12	12	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
75-71-8	**Dichlorodifluoromethane**	**8700**		ug/m³	27	27	53.625	EPA TO-15	08/26/2014 14:43	08/28/2014 16:00	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.8	8.8	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD
108-90-7	Chlorobenzene	ND		ug/m³	9.9	9.9	21.45	EPA TO-15	08/26/2014 14:43	08/27/2014 21:23	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*72-118*

Sample Information

Client Sample ID: **SV-4 (Y1127)** **York Sample ID:** **14H0966-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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	3.2	3.2	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
108-05-4	Vinyl acetate	ND		ug/m³	8.9	8.9	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
79-01-6	**Trichloroethylene**	**11**		ug/m³	3.4	3.4	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	11	11	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
108-88-3	**Toluene**	**43**		ug/m³	9.5	9.5	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	7.4	7.4	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
127-18-4	**Tetrachloroethylene**	**130**		ug/m³	4.3	4.3	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD

Sample Information

Client Sample ID: **SV-4 (Y1127)** **York Sample ID:** **14H0966-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
100-42-5	Styrene	ND		ug/m³	11	11	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
115-07-1	* Propylene	ND		ug/m³	4.3	4.3	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
622-96-8	*** p-Ethyltoluene**	**12**		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
179601-23-1	**p- & m- Xylenes**	**38**		ug/m³	22	22	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
95-47-6	**o-Xylene**	**14**		ug/m³	11	11	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
110-54-3	n-Hexane	ND		ug/m³	8.9	8.9	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
142-82-5	n-Heptane	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-09-2	Methylene chloride	ND		ug/m³	18	18	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	9.1	9.1	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
67-63-0	**Isopropanol**	**16**		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	27	27	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
100-41-4	**Ethyl Benzene**	**11**		ug/m³	11	11	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	18	18	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
110-82-7	Cyclohexane	ND		ug/m³	8.7	8.7	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	11	11	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
74-87-3	Chloromethane	ND		ug/m³	5.2	5.2	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
67-66-3	**Chloroform**	**36**		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-00-3	Chloroethane	ND		ug/m³	6.6	6.6	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	4.0	4.0	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-15-0	**Carbon disulfide**	**7.8**		ug/m³	7.8	7.8	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
74-83-9	Bromomethane	ND		ug/m³	9.8	9.8	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-25-2	Bromoform	ND		ug/m³	26	26	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	16	16	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
100-44-7	Benzyl chloride	ND		ug/m³	13	13	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
71-43-2	Benzene	ND		ug/m³	8.1	8.1	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
67-64-1	**Acetone**	**160**		ug/m³	6.0	6.0	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	21	21	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
78-93-3	2-Butanone	ND		ug/m³	7.4	7.4	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	9.1	9.1	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	15	15	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	15	15	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	11	11	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	18	18	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	15	15	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD

Sample Information

Client Sample ID: **SV-4 (Y1127)** **York Sample ID:** **14H0966-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	19	19	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2000**		ug/m³	14	14	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	14	14	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	19	19	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	17	17	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
71-55-6	**1,1,1-Trichloroethane**	**14**		ug/m³	14	14	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
75-71-8	**Dichlorodifluoromethane**	**810**		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	19	19	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	20	20	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	10	10	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD
108-90-7	Chlorobenzene	ND		ug/m³	12	12	25.2	EPA TO-15	08/26/2014 14:43	08/27/2014 22:15	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.9 %*	*72-118*

Sample Information

Client Sample ID: **SV-5 (S23)** **York Sample ID:** **14H0966-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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	3.0	3.0	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
108-05-4	Vinyl acetate	ND		ug/m³	8.3	8.3	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
79-01-6	**Trichloroethylene**	**13**		ug/m³	3.1	3.1	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	11	11	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	9.3	9.3	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
108-88-3	**Toluene**	**34**		ug/m³	8.8	8.8	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.9	6.9	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
127-18-4	**Tetrachloroethylene**	**270**		ug/m³	4.0	4.0	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
100-42-5	Styrene	ND		ug/m³	10	10	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
115-07-1	* Propylene	ND		ug/m³	4.0	4.0	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
622-96-8	*** p-Ethyltoluene**	**16**		ug/m³	12	12	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD

Sample Information

Client Sample ID: **SV-5 (S23)** **York Sample ID:** **14H0966-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
179601-23-1	**p- & m- Xylenes**	**40**		ug/m³	20	20	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
95-47-6	**o-Xylene**	**15**		ug/m³	10	10	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
110-54-3	n-Hexane	ND		ug/m³	8.3	8.3	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
142-82-5	n-Heptane	ND		ug/m³	9.6	9.6	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-09-2	Methylene chloride	ND		ug/m³	16	16	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	8.4	8.4	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	9.6	9.6	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
67-63-0	**Isopropanol**	**14**		ug/m³	12	12	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	25	25	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
100-41-4	**Ethyl Benzene**	**10**		ug/m³	10	10	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	17	17	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
110-82-7	Cyclohexane	ND		ug/m³	8.1	8.1	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	11	11	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	9.3	9.3	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
74-87-3	Chloromethane	ND		ug/m³	4.8	4.8	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
67-66-3	**Chloroform**	**41**		ug/m³	11	11	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-00-3	Chloroethane	ND		ug/m³	6.2	6.2	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.7	3.7	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-15-0	Carbon disulfide	ND		ug/m³	7.3	7.3	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
74-83-9	Bromomethane	ND		ug/m³	9.1	9.1	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-25-2	Bromoform	ND		ug/m³	24	24	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	15	15	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
100-44-7	Benzyl chloride	ND		ug/m³	12	12	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
71-43-2	Benzene	ND		ug/m³	7.5	7.5	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
67-64-1	**Acetone**	**58**		ug/m³	5.6	5.6	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	19	19	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
78-93-3	2-Butanone	ND		ug/m³	6.9	6.9	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	8.4	8.4	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	14	14	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	14	14	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	10	10	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	12	12	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	16	16	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	11	11	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	9.5	9.5	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	14	14	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**20**		ug/m³	12	12	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	17	17	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	9.3	9.3	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD

Sample Information

Client Sample ID: **SV-5 (S23)** **York Sample ID:** **14H0966-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14H0966	14-133-1037 37-10 Crescent St.	Soil Vapor	August 22, 2014 3:00 pm	08/25/2014

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
75-34-3	1,1-Dichloroethane	ND		ug/m³	9.5	9.5	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**230**		ug/m³	13	13	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	13	13	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	18	18	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	16	16	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	13	13	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
75-71-8	**Dichlorodifluoromethane**	**88**		ug/m³	12	12	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	18	18	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	19	19	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	9.6	9.6	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD
108-90-7	Chlorobenzene	ND		ug/m³	11	11	23.44	EPA TO-15	08/26/2014 14:43	08/27/2014 23:08	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*72-118*

Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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*	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

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. 14170966

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Atherica Environmental 45-09 Greenpoint Ave	Company:	Company:	14-133-1037 37-10 Crescent St.	RUSH - Same Day ☐	Summary Report ___
Address:	Address: SAME	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ___
Queens, NY, 11104				RUSH - Two Day ☐	CT RCP Package ___
Phone No. 718 784 7490	Phone No.	Phone No. SAME		RUSH - Three Day ☐	NY ASP A Package ___
Contact Person: Ezgi Karayel	Attention:	Attention:		RUSH - Four Day ☐	NY ASP B/CLP Pkg ___
E-Mail Address: ekarayel@atherica.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ (NY) ___ NJ ___	Standard(5-7 Days) ☒	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel ___
					Regulatory Comparison Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

E. R
Samples Collected/Authorized By (Signature)

Ethan Rainey
Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER ___

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1 (Y58)	8/22/14	~~TO-15~~ AS	30	11	TO-15	6 Liter Summa canister X Tedlar Bag ___
SV-2 (S02)	8/22/14	~~TO-15~~ AS	30	17	TO-15	6 Liter Summa canister X Tedlar Bag ___
SV-3 (#26)	8/22/14	~~TO-15~~ AS	30	6	TO-15	6 Liter Summa canister X Tedlar Bag ___
SV-4 (Y1127)	8/22/14	~~TO-15~~ AS	30	10	TO-15	6 Liter Summa canister X Tedlar Bag ___
SV-5 (S23)	8/22/14	~~TO-15~~ AS	30	9	TO-15	6 Liter Summa canister X 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
'E' Designation Project

Marbelle Quinos 8/25/14 830 AM
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

K Barker 8/25/14 830 AM
Samples Received By Date/Time

TC Kahler 8/25/14 1745
Samples Received in LAB by Date/Time