

28 – 46 ROEBLING STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP214K

OER Project Number: 13EHAZ445K

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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, Mark E. Robbins, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 28-46 Roebling Street project (NYC VCP Site No. 14CVCP214K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Mark E. Robbins

1/9/14



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 28-46 Roebling Street in the Williamsburg section in Brooklyn, New York and is identified as Block 2306 and Lot 18 (Tentative Lots 18 and 22) on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 10,950-square feet and is bounded by North 10th Street to the north, North 9th Street to the south, Roebling Street to the east and 7-story residential buildings to the west. A map of the site boundary is shown in **Figure 2**. Currently, a 4-story warehouse utilized for feather storage by Atlas Feather occupies the Site. The building contains a partially below grade basement. Both the basement and the building take up the footprint of the lot.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 5-story mixed use residential and commercial building. The current building will be renovated for this future use. The renovations will include removing the current freight elevator located in the central-eastern portion of the Site, replacing the cellar slab and installing a new elevator in the central-western portion of the Site. Renovation will also include adding an additional fifth floor to the building. Since the current building, which takes up the footprint of the lot, will remain in place, no grade level setbacks are planned. The partially below-grade cellar will contain commercial space and the remaining floors will contain 60 residential rental units. Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is M1-2/R6A. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

According to a Phase I ESA prepared by Hydro Tech Environmental dated May 24, 2012, the historical use of the Site was for manufacturing and storage. The historical records indicate that the Site was used as a paint manufacturing facility from 1887 through 1965. According to the

current owner the Site was purchased during 1980 and has been used for feather storage and distribution by Atlas Feather since this purchase.

The AOCs identified for this site include:

1. The historical use of the Site for paint manufacturing;
2. The presence of soil impacted with petroleum related volatile organic compounds and metals;
3. The presence of an inactive partially sub-grade aboveground storage tank

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Conducted a Ground Penetrating Radar survey to identify anomalies indicative of underground storage tanks;
3. Installed 36 soil borings across the entire project Site, and collected 101 soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed 3 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed 4 sub-slab soil vapor implants through the Site and collected 4 soil vapor samples for chemical analysis to evaluate soil vapor quality.
6. Collected 1 indoor ambient air sample and 1 outdoor ambient air sample.

Summary of Environmental Findings

1. Elevation of the property ranges from 13.99 to 14.52 feet.
2. Depth to groundwater ranges from 2.98 to 3.15 feet at the Site.
3. Groundwater flow is generally from northwest to southeast beneath the Site.
4. Depth to bedrock is greater than 6 feet.

5. The stratigraphy of the Site, from the surface down, consists of two to four feet of urban fill material (sand mixed with brick) underlain by moist to saturated brown sand and silty sand with pebbles.
6. The soil samples collected during the RI showed no detectable concentrations of pesticides or PCBs in any of the soil samples collected. The VOCs including 1,2,4-Timethylbenzene (at 48 milligrams per kilogram (or ppm)), 1,3,5-Trimethylbenzene (maximum of 32 ppm), 2-Butanone (maximum of 1.1 ppm), Acetone (maximum of 0.97 ppm), Methylene Chloride (maximum of 0.35 ppm), Naphthalene (maximum of 33 ppm), sec-Butylbenzene (maximum of 19 ppm), Toluene (maximum of 0.74 ppm) and Total Xylenes (4.7 ppm) exceeded Unrestricted Use SCOs in five of fourteen soil samples. Of these VOCs, 1,2,4-Timethylbenzene also exceeded Restricted residential SCOs in one shallow soil sample. Several SVOCs including Benzo(a)Anthracene (maximum of 1.22 ppm), Benzo(a)Pyrene (maximum of 1.07 ppm), Benzo(k)Fluoranthene (maximum of 1.29 ppm), Chrysene (maximum of 1.14 ppm) and Indeno (1,2,3-cd)Pyrene (maximum of 0.622 ppm) exceeded Restricted Residential SCOs in one of seven deeper soil samples. Several metals were identified in the shallow, middle and deep soil samples throughout the Site at concentrations exceeding the Unrestricted Use and Restricted Residential Use SCOs. Highest metal concentrations were detected in shallow soils. These metals included arsenic (maximum of 68.3 ppm), barium (maximum of 10,300 ppm), copper (maximum of 8,170 ppm), cadmium (maximum of 5.04 ppm), lead (maximum of 20,700 ppm), mercury (maximum of 14.9 ppm), zinc (maximum of 26,100 ppm) and chromium trivalent (maximum of 118 ppm). The results of the additional metals investigation indicates hazardous lead concentrations (TCLP failures) in three sampling grids (I3, H1 and G2). Overall, the findings indicate the elevated levels of VOCs, SVOCs and metals (particularly lead and mercury) throughout the Site.
7. Groundwater samples collected during the RI showed no SVOCs, Pesticides or PCBs were detected in any of the groundwater samples at concentrations exceeding the 6NYCRR Part 703.5 Groundwater quality Standards (GQS). Five VOCs were detected in one of the three groundwater samples at concentrations exceeding their respective GQS and included acetone (maximum of 57 ppb), isopropylbenzene (maximum of 7.8 ppb), n-butylbenzene (5.3 ppb), p-isopropylbenzene (maximum of 12 ppb) and sec-

butylbenzene (maximum of 17 ppb). Several metals were detected in groundwater but only magnesium, manganese, mercury, selenium and sodium exceeded their GQS.

8. Soil vapor samples collected during the RI showed the presence of petroleum related and chlorinated VOCs at low levels in all soil three vapor samples. The concentrations of the detected VOCs are generally below 50 ug/m³, with the exception of acetone (maximum of 170 ug/m³). Chlorinated VOCs- 1,1,1-trichloroethane (TCA) was detected at a maximum concentration of 190 ug/m³. Tetrachloroethylene (PCE) was detected in two of the four soil vapor samples (maximum of 17 ug/m³) and was also detected in both ambient air samples (maximum of 1.9 ug/m³). TCE was detected in all of the soil vapor samples at a maximum concentration of 30 ug/m³ and in the indoor air sample (0.87 ug/m³). Concentrations of TCA and TCE are above the monitoring ranges established by NYSDOH guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

The entity Eser Realty Corp has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a .25-acre site located at 28-46 Roebling Street in the Williamsburg section of Brooklyn, New York. Residential and commercial use is proposed for the property. The RI work was performed between August 26th and November 5th, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 28-46 Roebling Street in the Williamsburg section in Brooklyn, New York and is identified as Block 2306 and Lot 18 (Tentative Lots 18 and 22) on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 10,950-square feet and is bounded by North 10th Street to the north, North 9th Street to the south, Roebling Street to the east and 7-story residential buildings to the west. A map of the site boundary is shown in **Figure 2**. Currently, a 4-story warehouse utilized for feather storage by Atlas Feather occupies the Site. The building contains a partially below grade basement. Both the basement and the building take up the footprint of the lot.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 5-story mixed use residential and commercial building. The current building will be renovated for this future use. The renovations will include removing the current freight elevator located in the central-eastern portion of the Site, replacing the cellar slab and installing a new elevator in the central-western portion of the Site. Renovation will also include adding an additional fifth floor to the building. Since the current building, which takes up the footprint of the lot, will remain in place, no grade level setbacks are planned. The partially below-grade cellar will contain commercial space and the remaining floors will contain 60 residential rental units. Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is M1-2/R6A. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located in a commercial and residential neighborhood.

Within a 500-foot radius of the Site, there is a variety of land used including commercial, residential, mixed residential-commercial and industrial. Properties located within a ¼ mile radius of the Site are zoned R6B, M1-2/R6B and M1-2/R7A.

Sensitive Receptors

There are no sensitive receptors within a 500-foot radius of the Site.

Figure 2 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

According to a Phase I ESA prepared by Hydro Tech Environmental dated May 24, 2012, the historical use of the Site was for manufacturing and storage. The historical records indicate that the Site was used as a paint manufacturing facility from 1887 through 1965. According to the current owner the Site was purchased during 1980 and has been used for feather storage and distribution by Atlas Feather since this purchase.

2.2 Previous Investigations

A Phase I ESA prepared by Hydro Tech dated May 24, 2012 found the following Recognized Environmental Conditions associated with the Site:

- Presence of peeling paint indicative of lead-based paint
- Presence of visible mold growth
- Historical use of paint factory operations
- Presence of a little “E” Hazmat restriction

2.3 Site Inspection

The Site inspection was performed under the direction of the Qualified Environmental Professional (QEP) certifying this report to evaluate areas of concern. The Site inspection identified a 2,000-gallon partially sub-grade, inactive fuel oil aboveground storage tank (AST) in the central eastern portion of the cellar. The AST is encased in concrete. A corresponding fill port was identified in the sidewalk along Roebling Street, but no vent pipe was observed.

2.4 Areas of Concern

The AOCs identified for this site include:

1. The historical use of the Site for paint manufacturing;
2. The presence of soil impacted with petroleum related volatile organic compounds and metals;
3. The presence of an inactive partially sub-grade aboveground storage tank

The Phase I Report is presented in **Appendix 1**. A map showing areas of concern is presented in **Figure 4**.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

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

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The scope of work implemented by Hydro Tech included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 36 soil borings across the entire project Site, and collected 101 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 3 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 4 sub-slab soil vapor implants through the Site and collected 4 soil vapor samples for chemical analysis to evaluate soil vapor quality.
5. Collected 1 indoor ambient air sample and 1 outdoor ambient air sample.

Fieldwork was photo documented. **Appendix 2** provides investigation photographs.

4.1 Geophysical Investigation

A geophysical survey consisting of GPR survey was performed on August 26th, 2013. The purpose of the GPR was to determine if any anomalies indicative of underground storage tanks are present at the Site and to clear all sampling locations of any potential subsurface obstructions.

The survey was performed in all accessible portions of the Site over a grid pattern that was determined prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one “scan” per set unit. The number of scans per unit is based upon the estimated size of targets.

As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The differences in amplitude obtained during each scan are graphically displayed on the Control Unit, which are then interpreted by the GPR operator. Additional interpretations are then conducted in the office using computer software.

The results of the GPR survey did not identify any anomalies indicative of underground storage tanks at the Site. The full GPR report is included as **Appendix 3**.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of seven (7) soil borings, designated SP-1 through SP-7, were installed during the initial Remedial Investigation during August 2013 and an additional twenty-nine (29) borings, designated SP-8 through SP-36, were installed during October 2013 to further investigate the presence of metals in the soil at the Site. Prior to the October 2013 metals investigation, the Site was divided into thirty 18 foot x 20 foot grids. One soil probe was installed in each grid with the exception of Grid I1, which could not be sampled due to low clearance. All borings were installed to a depth of 6 feet below grade surface (bgs). A map showing the location of soil borings and the alpha-numeric grid map of the Site is shown in **Figure 5**.

The soil borings were installed utilizing Hydro Tech's track-mounted Geoprobe® 6620DT, a remotely operated probe hydraulic unit. This unit installs soil probes utilizing direct-push technology. Soil samples were collected in all soil borings at 2-foot intervals utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The Macro sampler allows for the collection of both continuous and discrete soil samples. Each sampler was installed with 1½-inch diameter drill rods. Groundwater was encountered at approximately 3 feet below grade surface.

The sample collection initially involved the installation of a Macro Core sampler to the desired sampling depth. A piston stop-pin was then removed from the top of the Macro Core sampler and then installed the length of the sampling interval. The sampler was then removed from the ground with the sample intact in the acetate liner. Continuous soil samples were collected during soil probe installation. Separate aliquots of each soil sample were placed into airtight ziplock bags. The Hydro Tech geologist then characterized each soil sample in the field. The soil characterization consisted of determining the soil classification utilizing the Unified Soil Classification System and screening each sample for organic vapors utilizing a 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. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses were conducted on each soil sample by partially filling a ziploc bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container was agitated for a period of 30 seconds. The probe of the PID was placed within the headspace to measure the organic vapors present.

Boring logs were prepared by a geologist are attached in **Appendix 4**. A map showing the location of soil borings and monitoring wells is shown in **Figure 5**. Two (2) soil samples were collected from each of the original seven soil probes and three (3) soil samples were collected from each of the additional twenty-nine probes for laboratory analysis.

Groundwater Monitoring Well Construction

Three (3) groundwater monitoring wells, designated MW-1 through MW-3, were installed to determine water quality and the site specific flow direction at the Site. The monitoring wells were installed utilizing Hydro Tech's track-mounted Geoprobe® 6620DT. All of the monitoring wells are constructed of 1-inch diameter PVC. The total depth of each monitoring well is 10 feet below grade. A screened interval of the well consisting of 0.020-inch slots in the lower portion of the well creates a sampling zone. Monitoring well locations are shown in **Figure 6**.

Survey

A land survey was used to identify the location of all soil borings and monitor wells. The groundwater monitoring wells were surveyed and monitored three times over the course of this investigation. The monitoring well construction details are provided in **Appendix 5**.

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. The depth to water was measured in the well from the northern portion of the casing top. The groundwater was encountered between 2.98 and 3.15 feet bgs at the Site. No product was detected in any of the monitoring wells. Water level and monitoring data is included in **Table 1**.

Soil Vapor Boring Construction

Four (4) sub-slab soil vapor probes designated SV-1 through SV-4 were installed at the Site during this RI. A map showing the locations of the soil vapor borings is shown in **Figure 6**. Sub-slab soil vapor probes SV-1 through SV-4 were installed directly beneath the existing cellar slab. Vapor implants were sealed to the surface with non-VOC containing product.

After installation of the probes, one to three volumes were purged prior to collecting the samples. Four (4) soil vapor samples were collected for chemical analysis during this RI. The soil vapor probes were installed utilizing similar technology as the soil probes in accordance with the NYSDOH Guidance of Evaluating Soil Vapor Intrusion, dated October 2006. Each soil vapor sampling point consisted of a stainless steel screen, or implant, fitted with dedicated polyethylene tubing. Each of the implants is of 1½-inch diameter. The soil vapor implant was installed in the subsurface soil. Glass beads were poured into the hole to fully encompass the screen implant and the hole was sealed with bentonite and quick dry-lock non-VOC quick set cement.

4.3 Sample Collection and Chemical Analysis

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

Soil Sampling

Two (2) soil samples were collected from each of the original seven soil probes and three (3) soil samples were collected from each of the additional twenty-nine probes for laboratory analysis for a total of 101 soil samples. All soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

The soil was screened and characterized at 2-foot intervals. At least two soil samples from the probes were containerized and analyzed at a New York State Department of Health ELAP-certified laboratory. The soil samples from SP-1 through SP-7 were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile compounds (SVOCs) via EPA Method 8270BN, pesticides/PCBs via EPA Method 8081/8082, TAL metals, Chromium Trivalent and Chromium Hexavalent. The soil samples from SP-8 through SP-36 were only analyzed for RCRA metals and TCLP RCRA metals. Data on soil sample collection for chemical analyses for the samples collected from SP-1 through SP-7, including dates of collection and sample depths, is reported in **Tables 2, 3, 4** and **5**. Data on soil sample collection for chemical analyses for the samples collected from SP-8 through SP-36, including dates of collection and sample depths, is reported in **Tables 6, 7, 8, 9, 10** and **11**. **Figure 5** shows the location of soil samples collected in these investigations. Laboratories and analytical methods are shown below.

All samples were properly handled and placed into the appropriately labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses.

All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

Groundwater Sampling

Three (3) monitoring wells were installed and three (3) groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in **Tables 12, 13, 14** and **15**. **Figure 6** shows the location of groundwater sampling.

Initially, each groundwater well was purged 3 to 5 well volumes. Groundwater samples were obtained utilizing a peristaltic pump and dedicated tubing. Each groundwater sample was placed into 3 pre-cleaned 40-milliliter (mL) vials, 2 pre-cleaned 250 mL plastic containers, 1 pre-cleaned 500 mL plastic container and 2 pre-cleaned 1,000 mL jars and appropriately labeled. The groundwater samples from the monitoring wells MW-1 through MW-3 were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides/PCBs via EPA Method 8081/8082, TAL Metals (filtered and non-filtered), Chromium Trivalent and Chromium Hexavalent.

Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Four (4) sub-slab soil vapor probes were installed and four (4) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 6**. Soil vapor sample collection data is reported in **Table 16**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

A soil vapor sample from each soil vapor probe was collected utilizing 6-liter pre-cleaned, passivated, evacuated whole air Summa[®] Canister. A 12-inch by 12-inch piece of plastic sheeting was sealed with beeswax around the edges over the sampling probe. Prior to soil vapor sampling, approximately 0.3 liters of air was purged out of all vapor points utilizing a syringe. The Summa Canisters were calibrated for 4 hours and the soil vapor sampling was run on each canister for a time period of 4 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and stop time was recorded. After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

Additionally, one (1) indoor and one (1) outdoor ambient air sample was collected during this RI.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	Phil Murphy directs the chemical analytical quality assurance.
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories
Chemical Analytical	Soil analytical methods:

Methods	<ul style="list-style-type: none"> • RCRA Metals; • TCLP RCRA Metals; • 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); <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> • 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); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.
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Results of Chemical Analyses

Laboratory data for soil are summarized in **Table 2** through **11**. Laboratory data for groundwater are summarized in **Table 12** through **15**. Laboratory data for soil vapor and air are summarized in **Table 16**. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix 6, 7 and 8**.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site, from the surface down, consists of two to four feet of urban fill material (sand mixed with brick) underlain by moist to saturated brown sand and silty sand with pebbles.

Hydrogeology

A table of water level data for all monitor wells is included in **Table 1**. The average depth to groundwater is 3.09 feet below basement grade. The range in depth to groundwater is 2.98 feet to 3.15 feet below basement grade. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in **Figure 7**. Groundwater flow is from northwest to southeast.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in **Tables 2 through 11**. **Figures 8, 9, 10 and 11** shows the location and posts the values for soil/fill sampled during August 2013 that exceed the 6NYCRR Part 375-6.8 Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs) and the Restricted Use (Track 2) Residential SCOs. **Figures 12, 13 and 14** indicate the grids with Lead concentrations exceeding the Track 1 and Track 2 SCOs containing hazardous Lead concentrations in the shallow, middle and deep soil at the Site. A copy of the laboratory reports is provided in **Appendix 6**.

The soil samples collected during the RI showed no pesticides or PCBs were detected in any of the soil samples collected during this RI at concentrations exceeding the Track 1 SCOs. One VOC was detected in one out of the fourteen soil samples at a concentration exceeding the Track 2 SCO. This VOC, 1,2,4-Trimethylbenzene, was detected in the shallow soil sample from SP-1 at a concentration exceeding of 48 milligrams per kilogram (or ppm). Other VOCs were detected in five of the fourteen soil samples at concentrations exceeding the Track 1 SCOs but below the Track 2 SCOs. These samples were collected from borings located in the northern portion of the Site. The VOCs include 1,3,5-Trimethylbenzene (maximum of 32 ppm), 2-Butanone (maximum of 1.1 ppm), Acetone (maximum of 0.97 ppm), Methylene Chloride (maximum of 0.35 ppm),

Naphthalene (maximum of 33 ppm), sec-Butylbenzene (maximum of 19 ppm), Toluene (maximum of 0.74 ppm) and Total Xylenes (4.7 ppm). SVOCs were detected in one of the seven deep samples but were not detected in any of the shallow samples at concentrations exceeding the Track 1 and Track 2 SCOs. These SVOCs include Benzo(a)Anthracene (maximum of 1.22 ppm), Benzo(a)Pyrene (maximum of 1.07 ppm), Benzo(k)Fluoranthene (maximum of 1.29 ppm), Chrysene (maximum of 1.14 ppm) and Indeno (1,2,3-cd)Pyrene (maximum of 0.622 ppm).

Several metals were identified in the shallow, middle and deep soil samples throughout the Site at concentrations exceeding the Track 1 and Track 2 SCOs. The metals include Arsenic (maximum of 68.3 ppm), Barium (maximum of 10,300 ppm), Copper (maximum of 8,170 ppm), Cadmium (maximum of 5.04 ppm), Lead (maximum of 20,700 ppm), Mercury (maximum of 14.9 ppm), Zinc (maximum of 26,100 ppm) and Chromium Trivalent (maximum of 118 ppm). The concentrations of these metal contaminants are greatest in the shallow soil. The results of the additional metals investigation indicates that shallow soil from grids I3 and H1 contain hazardous lead concentrations. The results further indicate that middle soil from grid I3 and deep soil from grid G2 also contain hazardous lead concentrations.

Overall, the findings indicate the presence of soil petroleum impacted soil and urban fill material in the northern portion of the Site. The findings further indicate soil impacted with metals, particularly Lead and Mercury, is present throughout the Site.

5.3 Groundwater Chemistry

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 12, 13, 14** and **15**. **Figures 15, 16** and **17** show the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards. A copy of the laboratory report is provided in **Appendix 7**.

Groundwater samples collected during the RI showed no SVOCs, Pesticides or PCBs were detected in any of the groundwater samples at concentrations exceeding the GQS. Five VOCs were detected in one of the three groundwater samples at concentrations exceeding the GQS. These VOCs include Acetone (maximum of 57 ppb), Isopropylbenzene (maximum of 7.8 ppb), n-Butylbenzene (5.3 ppb), p-Isopropylbenzene (maximum of 12 ppb) and sec-Butylbenzene (maximum of 17 ppb). Several metals were detected in the unfiltered groundwater samples at

concentrations exceeding the GQS including Chromium, Lead, Magnesium, Manganese, Selenium and Sodium. Four dissolved metals were detected in the filtered groundwater samples. These metals include Magnesium (maximum of 35,800 ppb), Manganese (maximum of 1,700 ppb), Mercury (maximum of 1.0 ppb), Silver (maximum of 331,000 ppb), Selenium (maximum 19 ppb) and Sodium (maximum of 297,000 ppb).

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples and ambient air samples is included in **Table 16**. **Figure 19** shows the location and posts the values for soil vapor samples with detected concentrations. A copy of the laboratory report is provided in **Appendix 8**.

Soil vapor samples collected during the RI showed the presence of petroleum related and chlorinated VOCs in the soil vapors beneath the Site. The concentrations of the detected VOCs are generally below 100 ug/m³, with the exception of Acetone (maximum of 170 ug/m³) and 1,1,1-Trichloroethane (maximum of 190 ug/m³). PCE was detected in two of the four soil vapor samples (maximum of 17 ug/m³) and in both ambient air samples (maximum of 1.9 ug/m³). TCE was detected in all of the soil vapor samples (maximum of 30 ug/m³) and in the indoor air sample (0.87 ug/m³).

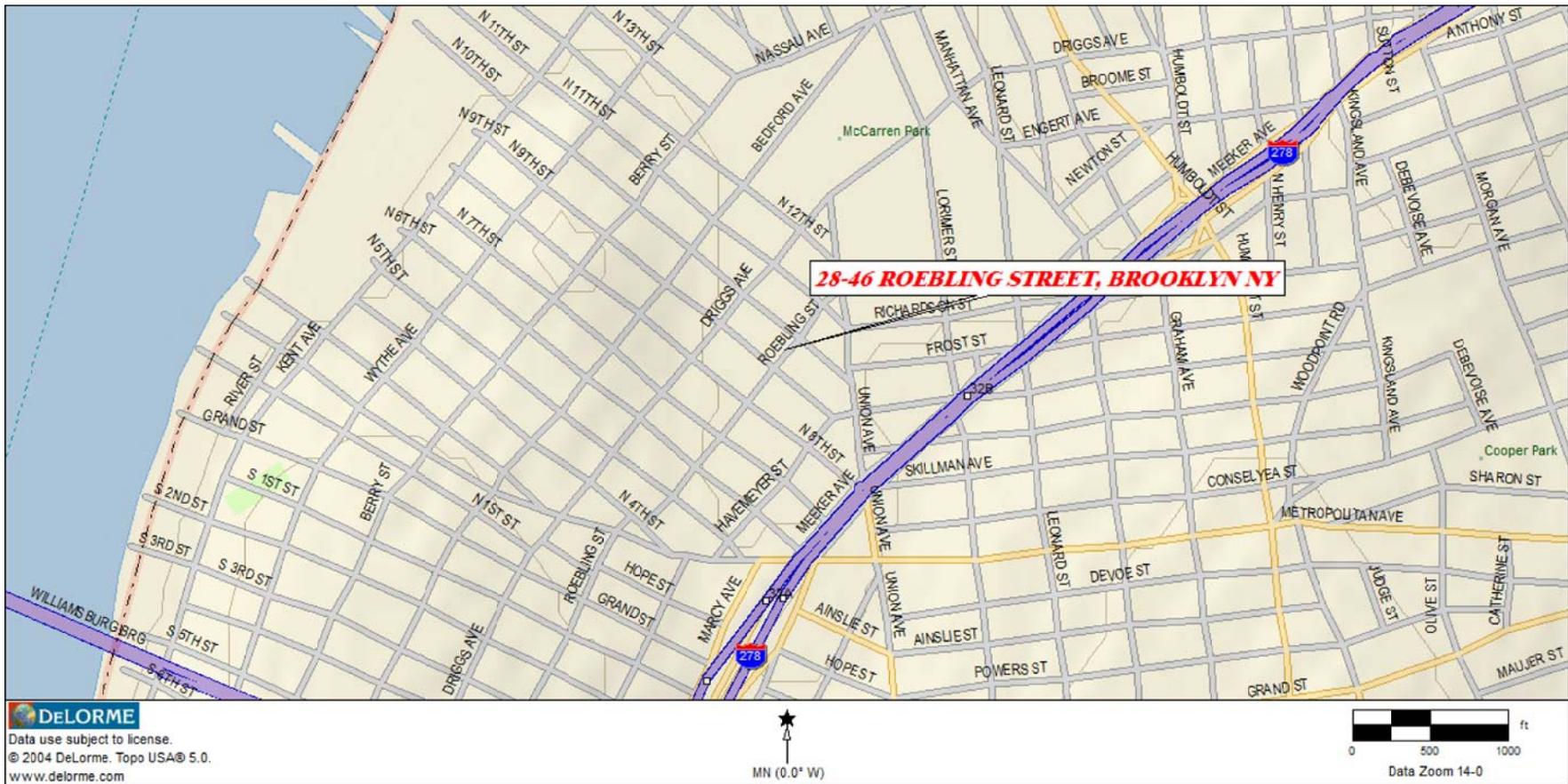
5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of hazardous waste is anticipated due to the hazardous concentrations of Lead in soil.

5.6 Impediments to Remedial Action

Excavation of material is limited since the structural stability of the building must be maintained throughout the cleanup activities.

FIGURES



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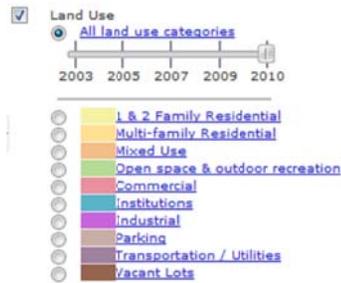
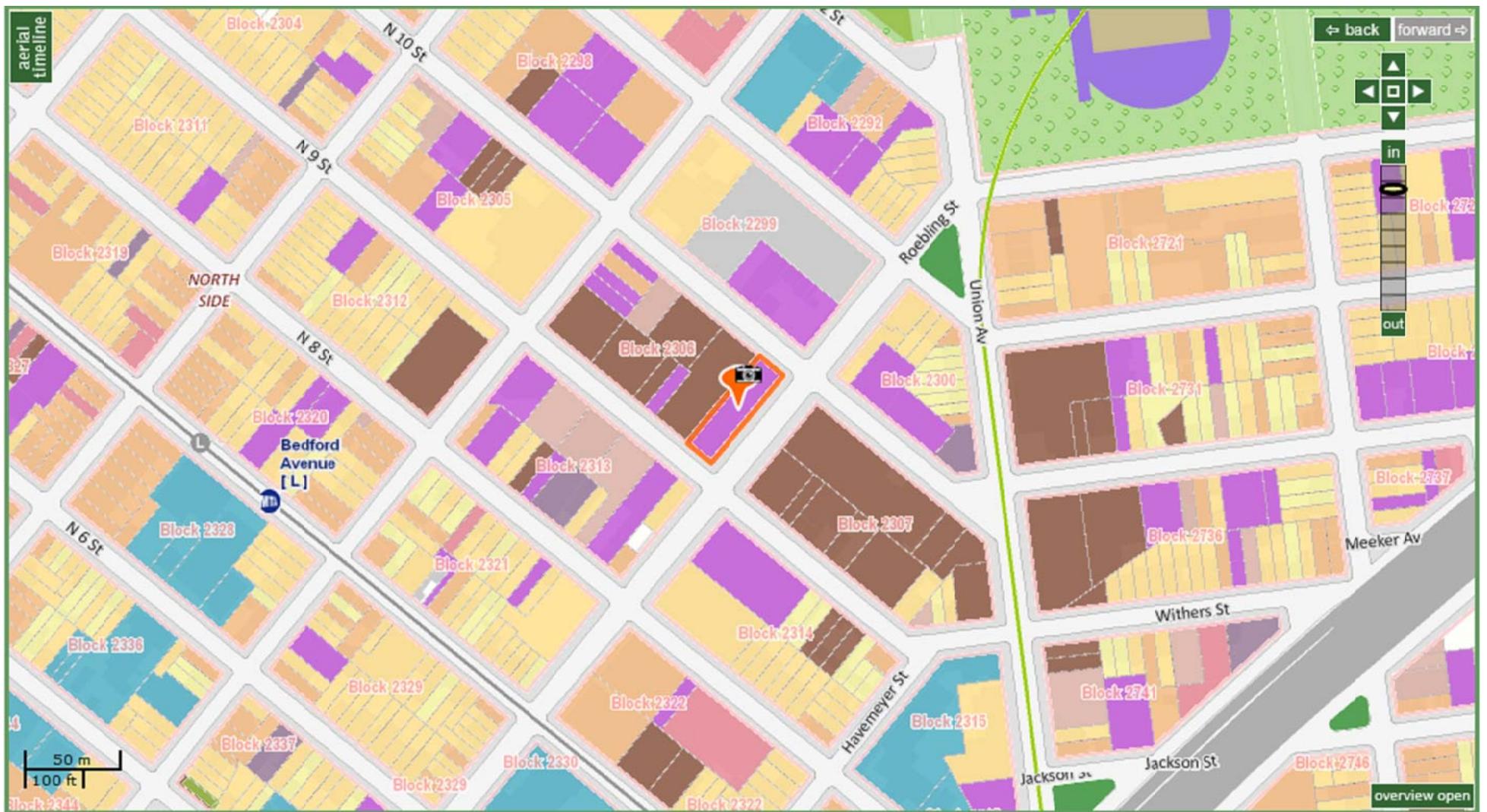
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FIGURE 1: SITE LOCATION MAP



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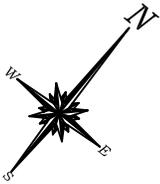
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FIGURE 2: SITE BOUNDARY AND LAND USE



ADJACENT 4-STORY
RESIDENTIAL

NORTH 9th STREET



**PROPOSED 5-STORY
MIXED USED COMMERCIAL AND
RESIDENTIAL BUILDING**

ADJACENT
VACANT LOT

NORTH 10th STREET

ADJACENT 1-STORY
COMMERCIAL

ROEBLING STREET

ADJACENT
VACANT LOT



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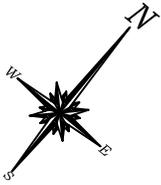
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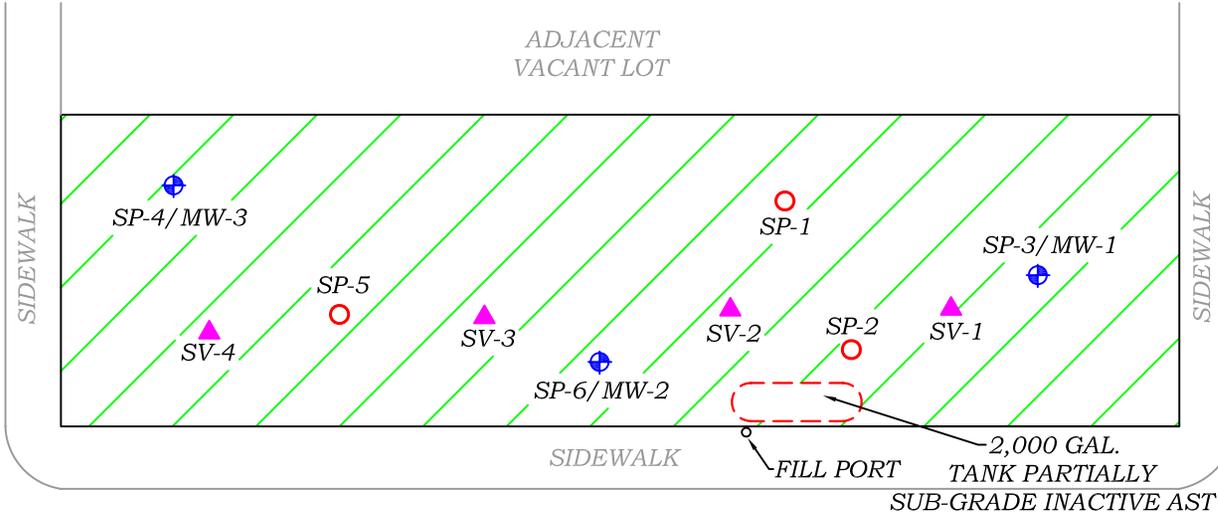
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FIGURE 3: LAYOUT OF PROPOSED RENOVATION



ADJACENT 4-STORY
RESIDENTIAL

NORTH 9th STREET



NORTH 10th STREET

ADJACENT 1-STORY
COMMERCIAL

ROEBLING STREET

ADJACENT
VACANT LOT

LEGEND:

- SOIL PROBE LOCATION (SP)
- ▲ SUB-SLAB VAPOR PROBE LOCATION (SV)
- ⊕ SOIL PROBE / MONITORING WELL LOCATION (SP/MW)
- HISTORICAL USE FOR PAINT MANUFACTURING



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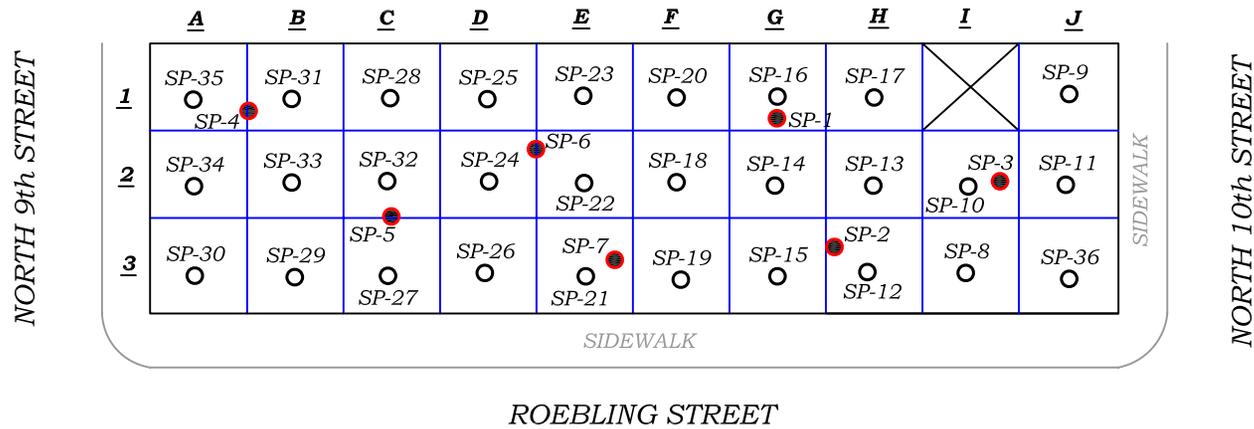
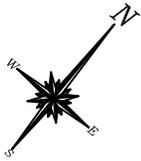
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FIGURE 4: AREAS OF CONCERN



LEGEND:

- SOIL PROBE LOCATIONS (SP) - INSTALLED DURING OCTOBER 2013
- SOIL PROBE LOCATIONS (SP) - INSTALLED DURING AUGUST 2013



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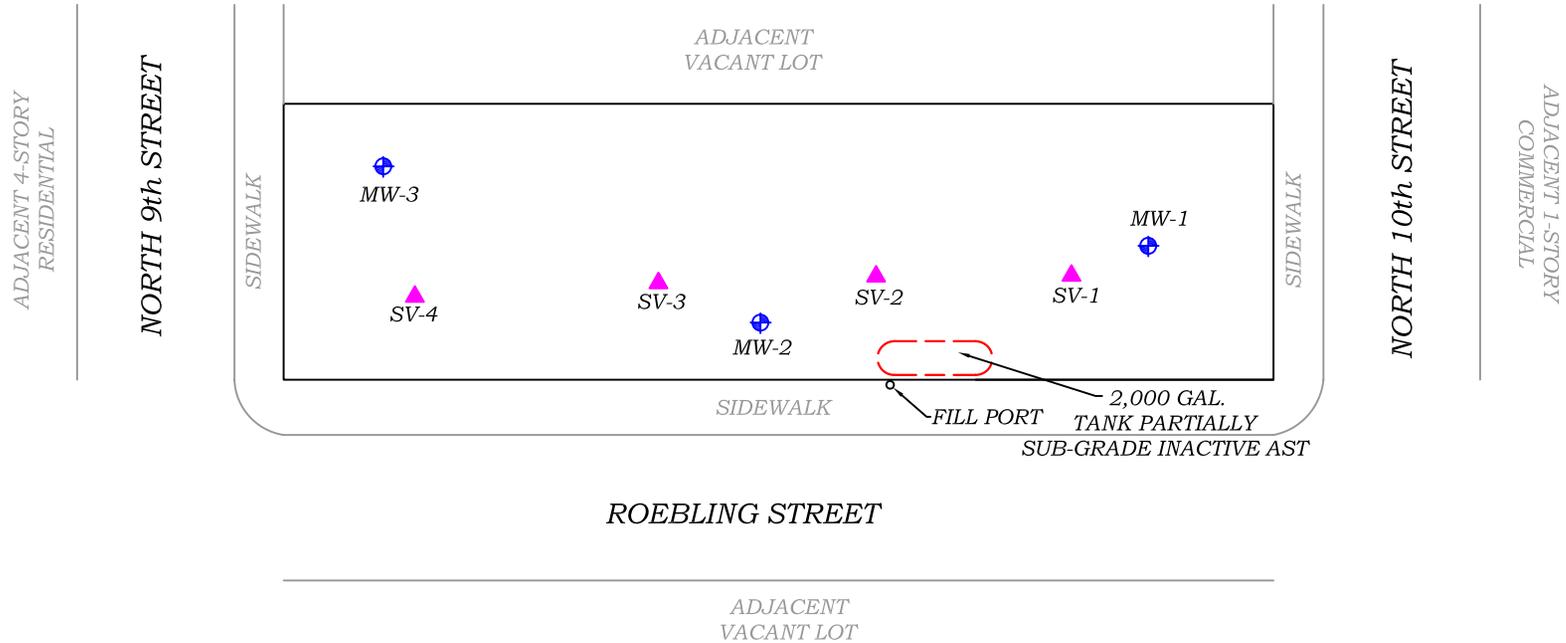
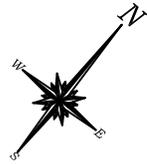
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FIGURE 5: SOIL SAMPLING PLAN



LEGEND:

- ▲ SUB-SLAB VAPOR PROBE LOCATION (SV)
- ⊕ MONITORING WELL LOCATION (MW)



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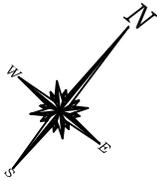
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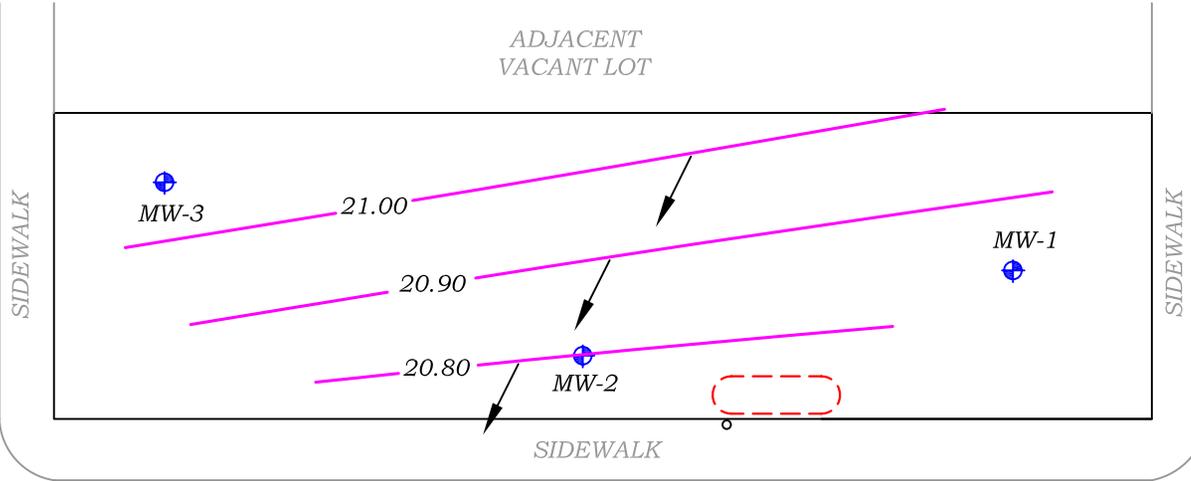
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FIGURE 6: GROUNDWATER & SOIL VAPOR SAMPLING PLAN



ADJACENT 4-STORY
RESIDENTIAL

NORTH 9th STREET



NORTH 10th STREET

ADJACENT 1-STORY
COMMERCIAL

ROEBLING STREET

ADJACENT
VACANT LOT

LEGEND:

⊕ MONITORING WELL LOCATION (MW)

~ CONTOUR LINES

C.I. CONTOUR INTERVAL

C.I. = 0.10 Feet

Monitoring Well IDs	Groundwater Elevations
MW-1	20.83
MW-2	20.80
MW-3	21.08



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FIGURE 7: GROUNDWATER FLOW CONTOUR DIAGRAM



NORTH 9th STREET

NORTH 10th STREET

ROEBLING STREET

SP-6				
Depth	0' - 2'	2' - 4'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
Acetone	0.75	ND	0.05	100

SP-1				
Depth	0' - 2'	2' - 4'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	48	ND	3.6	47
1,3,5-Trimethylbenzene	32	ND	8.4	47
2-Butanone	1.1	ND	0.12	100
Acetone	0.97	ND	0.05	100
Methylene chloride	0.35	ND	0.05	51
Naphthalene	33	NAS	12	100
sec-Butylbenzene	NAS	19	11	100
Xylenes, Total	4.7	ND	0.26	100

SP-4		
Depth	0' - 2'	2' - 4'
VOCs	NAS	NAS

SP-3				
Depth	0' - 2'	2' - 4'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
Acetone	0.056	ND	0.05	100

SP-5		
Depth	0' - 2'	2' - 4'
VOCs	NAS	NAS

SP-7		
Depth	0' - 2'	2' - 4'
VOCs	NAS	NAS

SP-2				
Depth	0' - 2'	2' - 4'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	ND	5.7	3.6	47
2-Butanone	ND	0.5	0.12	100
Toluene	ND	0.74	0.7	100

LEGEND:

○ SOIL PROBE LOCATION (SP)

VOC VOLATILE ORGANIC COMPOUNDS

mg/Kg MILLIGRAMS PER KILOGRAMS

ND NONE DETECTED

NAS NONE ABOVE STANDARDS

USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES

RSCO RESTRICTED USE SOIL CLEANUP OBJECTIVES

PINK SHADED VALUES EXCEED USCO & RSCO

BLUE SHADED VALUES EXCEED USCO



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FIGURE 8: VOCs IN SOIL - AUGUST 2013



NORTH 9th STREET

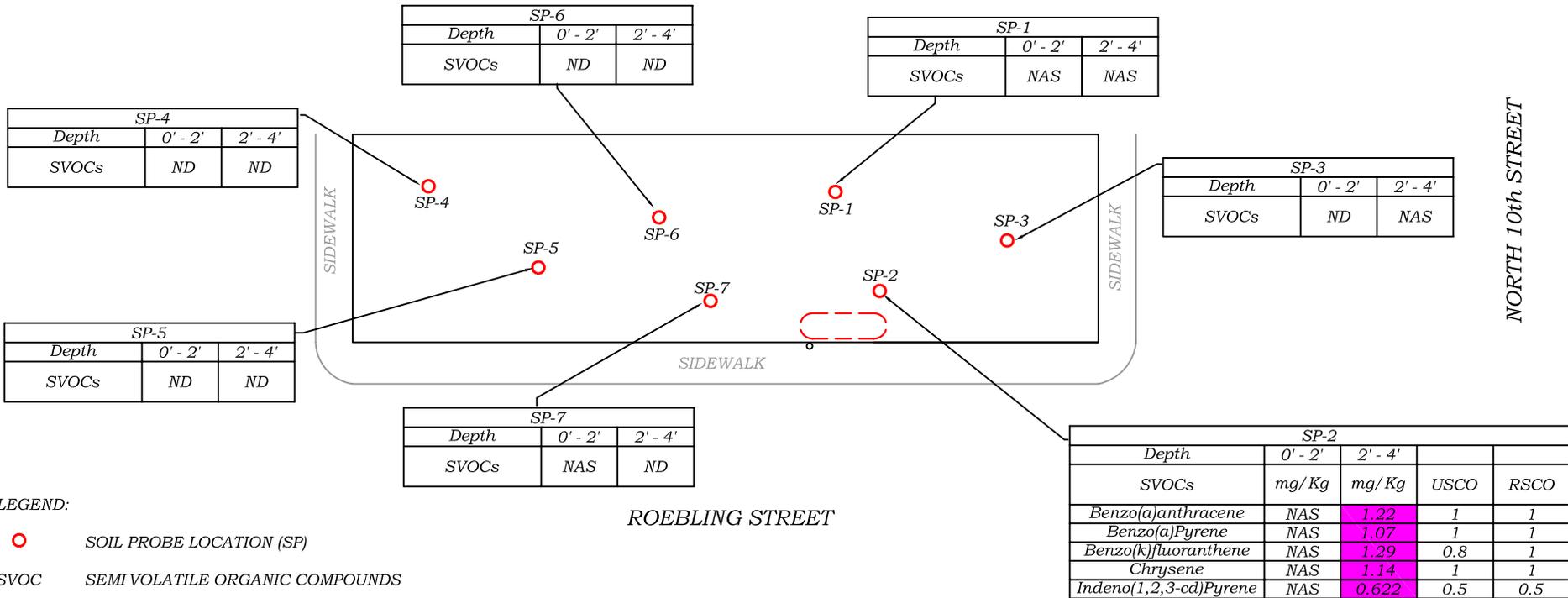
NORTH 10th STREET

ROEBLING STREET

SIDEWALK

SIDEWALK

SIDEWALK



LEGEND:

- SOIL PROBE LOCATION (SP)
- SVOC SEMI VOLATILE ORGANIC COMPOUNDS
- mg/ Kg MILLIGRAMS PER KILOGRAMS
- ND NONE DETECTED
- NAS NONE ABOVE STANDARDS
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO RESTRICTED USE SOIL CLEANUP OBJECTIVES
- PINK SHADED VALUES EXCEED USCO & RSCO



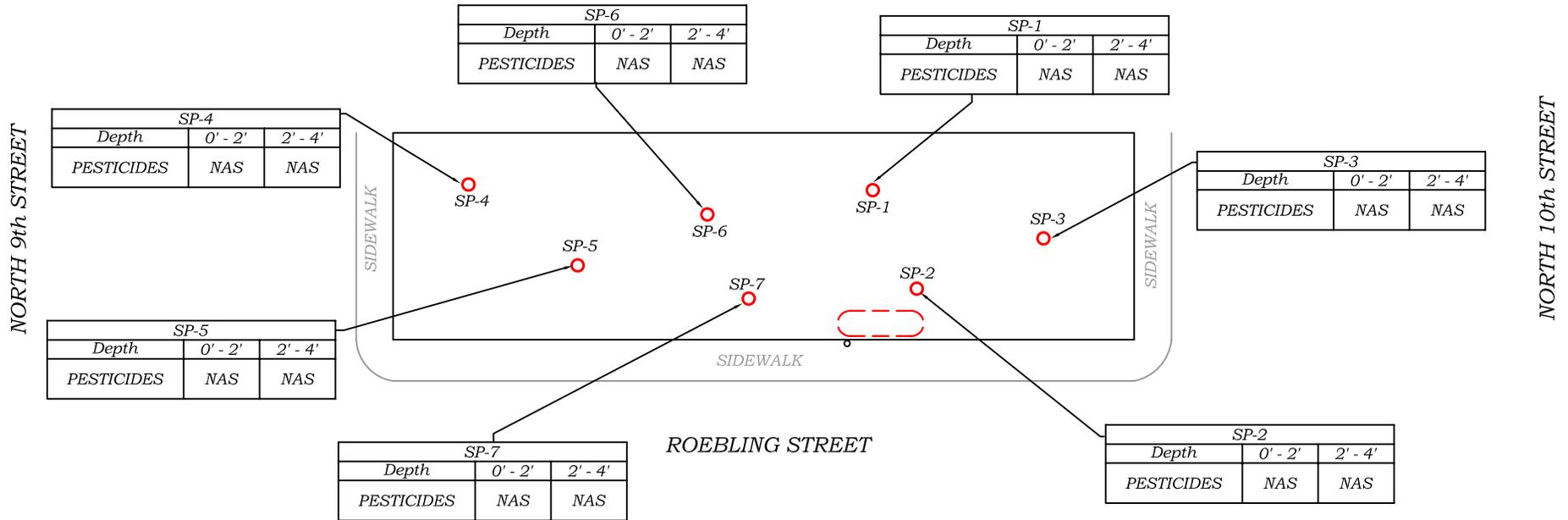
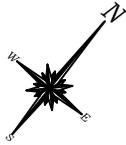
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FIGURE 9: SVOCs IN SOIL - AUGUST 2013



LEGEND:

○ SOIL PROBE LOCATION (SP)

NAS NONE ABOVE STANDARDS



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FIGURE 10: PESTICIDES IN SOIL - AUGUST 2013



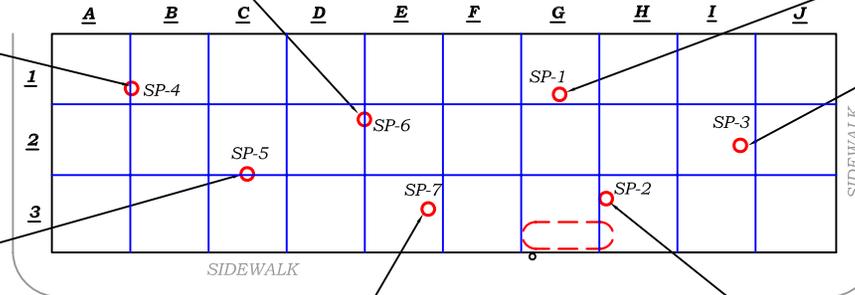
NORTH 9th STREET

SP-4				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	14.6	NAS	13	16
Barium	491	NAS	350	350
Copper	224	153	50	270
Lead	589	NAS	63	400
Zinc	807	746	109	2,200
Mercury	2.51	0.771	0.18	0.81

SP-6				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	38.2	NAS	13	16
Barium	10,300	1,550	350	350
Copper	314	136	50	270
Lead	7,910	949	63	400
Zinc	24,500	626	109	2,200
Chromium, Trivalent	118	31.7	30	36

SP-1				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	16.3	13.5	13	16
Barium	1,790	355	350	350
Copper	139	80.7	50	270
Lead	758	408	63	400
Selenium	NAS	5.21	3.9	36
Zinc	1,000	354	109	2,200
Mercury	2.63	3.41	0.18	0.81

SP-5				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	22.1	14.4	13	16
Barium	3,790	531	350	350
Copper	8,170	NAS	50	270
Lead	20,700	400	63	400
Selenium	4.05	NAS	3.9	36
Silver	2.81	ND	2	36
Zinc	26,100	2,110	109	2,200
Mercury	1.68	0.416	0.18	0.81
Chromium, Trivalent	56.5	NAS	30	36



SP-3				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	14.5	13.3	13	16
Barium	2,440	374	350	350
Copper	136	70.1	50	270
Lead	1,530	2,490	63	400
Zinc	2,070	1,950	109	2,200
Mercury	1.27	1.81	0.18	0.81
Chromium, Trivalent	51.2	NAS	30	36

SP-7				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	13.2	NAS	13	16
Barium	1,110	NAS	350	350
Lead	1,220	138	63	400
Zinc	2,360	377	109	2,200
Mercury	0.504	0.451	0.18	0.81
Chromium, Trivalent	34.7	NAS	30	36

SP-2				
Depth	0' - 2'	2' - 4'	USCO	RSCO
METALS	mg/Kg	mg/Kg		
Arsenic	63.8	NAS	13	16
Barium	3,460	964	350	350
Copper	192	NAS	50	270
Lead	7,320	481	63	400
Zinc	3,920	308	109	2,200
Mercury	2.15	2.2	0.18	0.81
Chromium, Trivalent	59.1	NAS	30	36

NORTH 10th STREET

ROEBLING STREET

LEGEND:

- SOIL PROBE LOCATION (SP)
- mg/Kg MILLIGRAMS PER KILOGRAMS
- ND NONE DETECTED
- NAS NONE ABOVE STANDARDS
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO RESTRICTED USE SOIL CLEANUP OBJECTIVES
- BLUE SHADED VALUES EXCEED USCO & RSCO
- PINK SHADED VALUES EXCEED USCO



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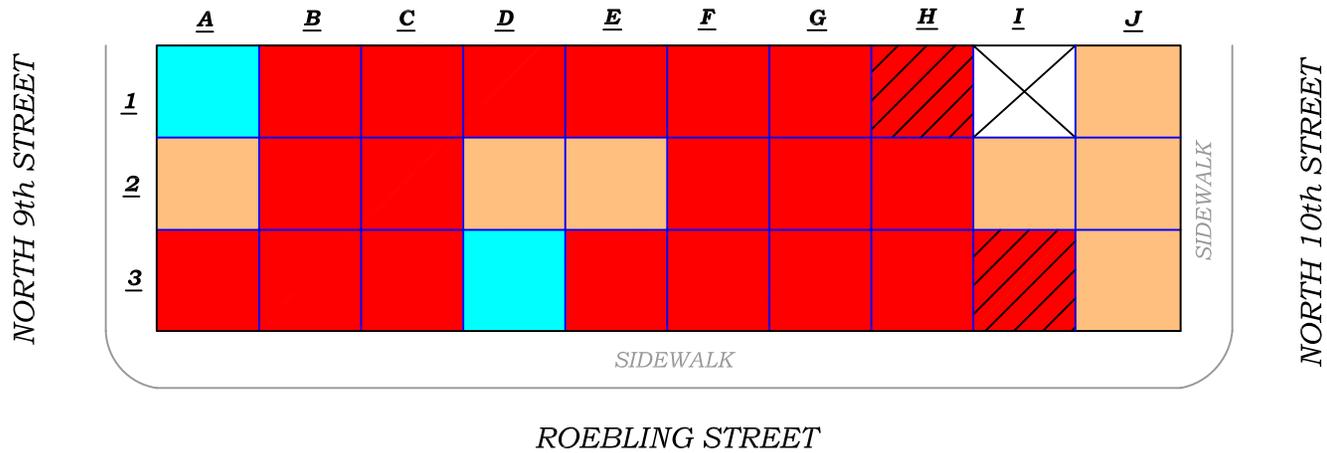
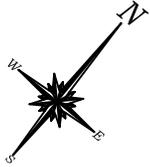
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FIGURE 11: METALS IN SOIL - AUGUST 2013



LEGEND:

- LEAD CONCENTRATIONS BELOW UNRESTRICTED SCO
- LEAD CONCENTRATIONS EXCEEDS UNRESTRICTED SCO
- LEAD CONCENTRATIONS EXCEEDS UNRESTRICTED & RESTRICTED RESIDENTIAL SCO
- HAZARDOUS LEAD CONCENTRATIONS



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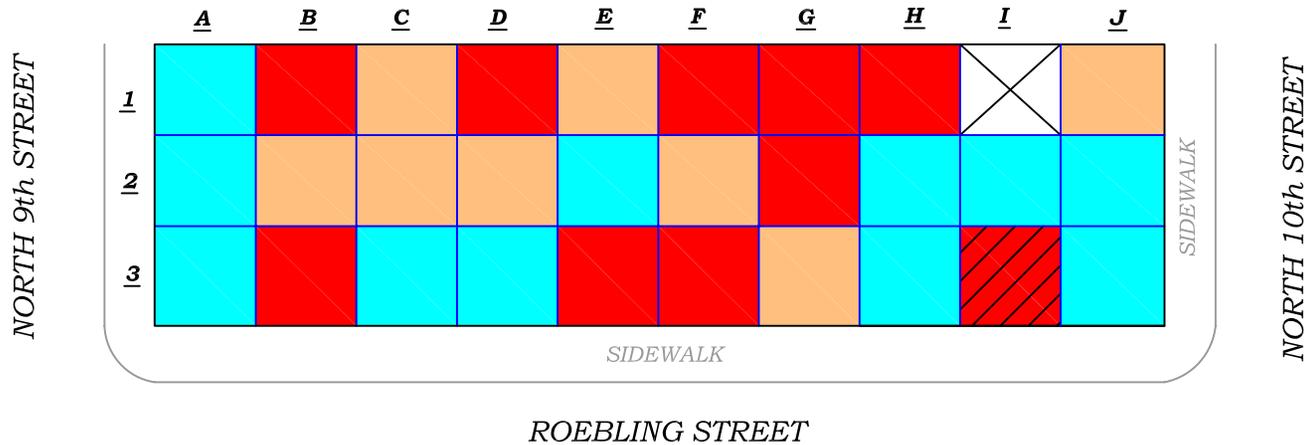
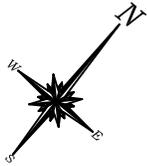
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 Reviewed By: M.R.
 Approved By: M.S.
 Date: 12/19/13
 Scale: AS NOTED

TITLE:

FIGURE 12: LEAD IN SHALLOW SOIL - OCTOBER 2013



LEGEND:

- LEAD CONCENTRATIONS BELOW UNRESTRICTED SCO
- LEAD CONCENTRATIONS EXCEEDS UNRESTRICTED SCO
- LEAD CONCENTRATIONS EXCEEDS UNRESTRICTED & RESTRICTED RESIDENTIAL SCO
- HAZARDOUS LEAD CONCENTRATIONS



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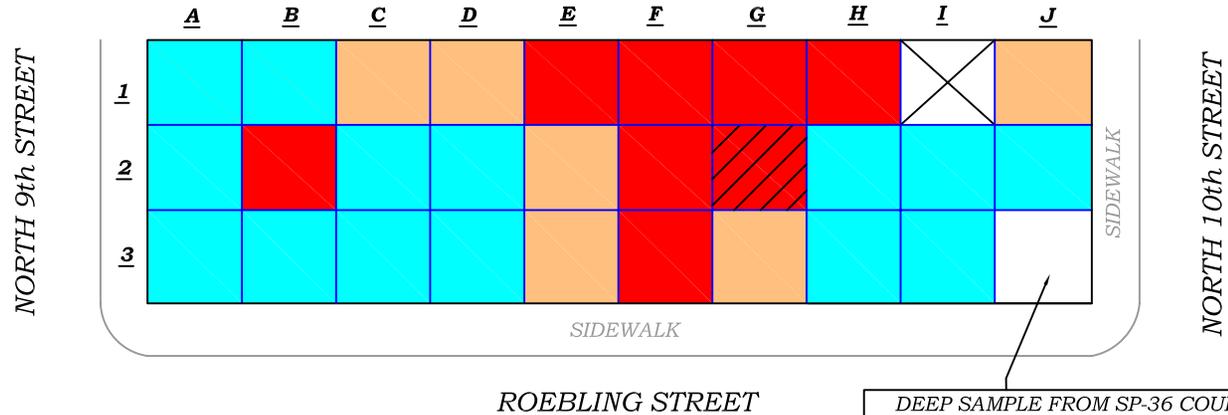
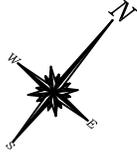
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TITLE:

FIGURE 13: LEAD IN MIDDLE SOIL - OCTOBER 2013



DEEP SAMPLE FROM SP-36 COULD NOT BE COLLECTED DUE TO REFUSAL

LEGEND:

- LEAD CONCENTRATIONS BELOW UNRESTRICTED SCO
- LEAD CONCENTRATIONS EXCEEDS UNRESTRICTED SCO
- LEAD CONCENTRATIONS EXCEEDS UNRESTRICTED & RESTRICTED RESIDENTIAL SCO
- HAZARDOUS LEAD CONCENTRATIONS



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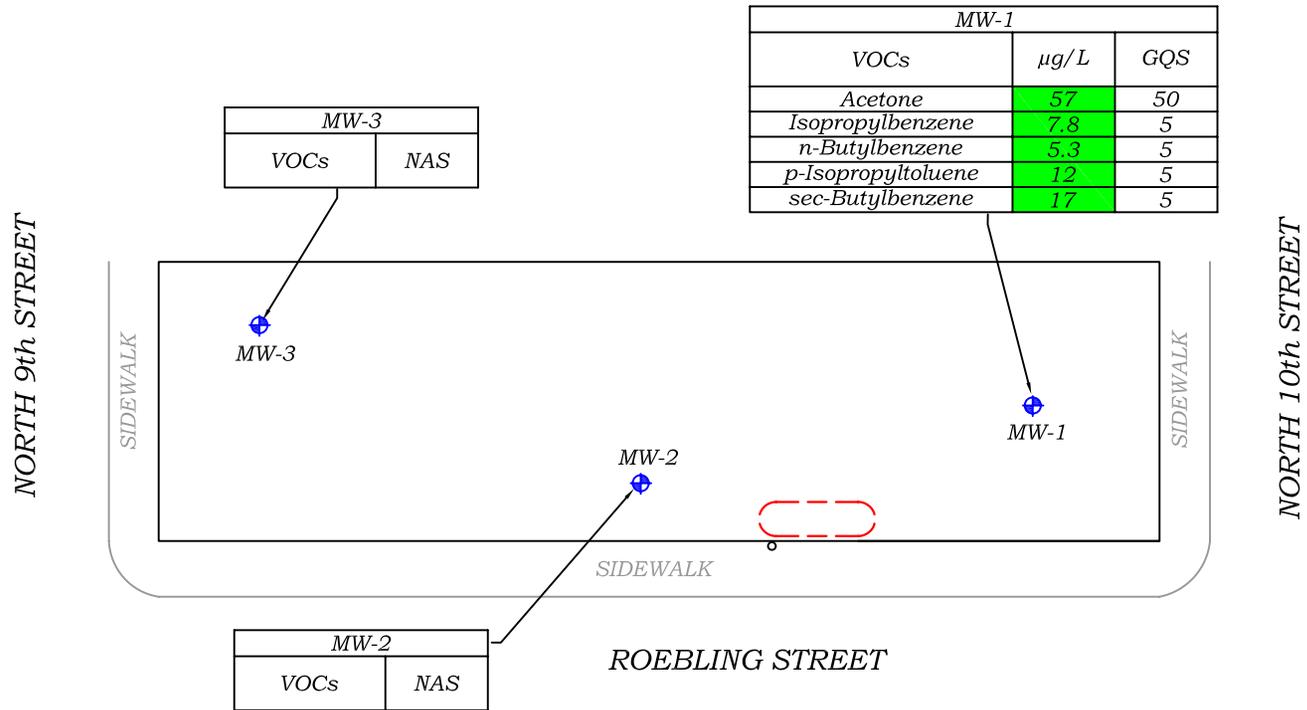
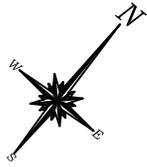
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TITLE:

FIGURE 14: LEAD IN DEEP SOIL - OCTOBER 2013



LEGEND:

-  MONITORING WELL LOCATION (MW)
- VOC VOLATILE ORGANIC COMPOUNDS
- μg/L MICROGRAM PER LITER
- NAS NONE ABOVE STANDARDS
- GQS GROUNDWATER QUALITY STANDARDS
-  SHADED VALUES EXCEED GQS



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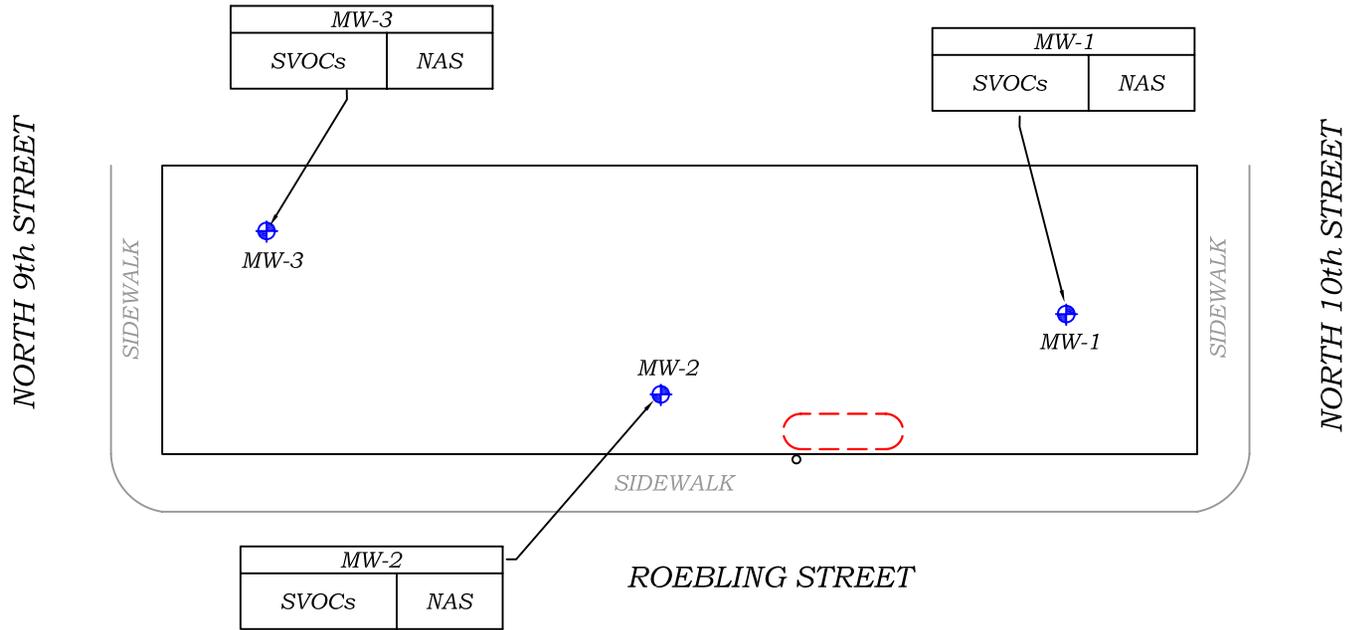
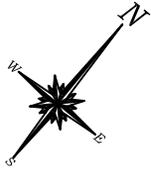
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 Date: 12/19/13
 Scale: AS NOTED

TITLE:

FIGURE 15: VOCs IN GROUNDWATER



LEGEND:

-  MONITORING WELL LOCATION (MW)
- SVOC SEMI VOLATILE ORGANIC COMPOUNDS
- $\mu\text{g/L}$ MICROGRAM PER LITER
- NAS NONE ABOVE STANDARDS
- GQS GROUNDWATER QUALITY STANDARDS



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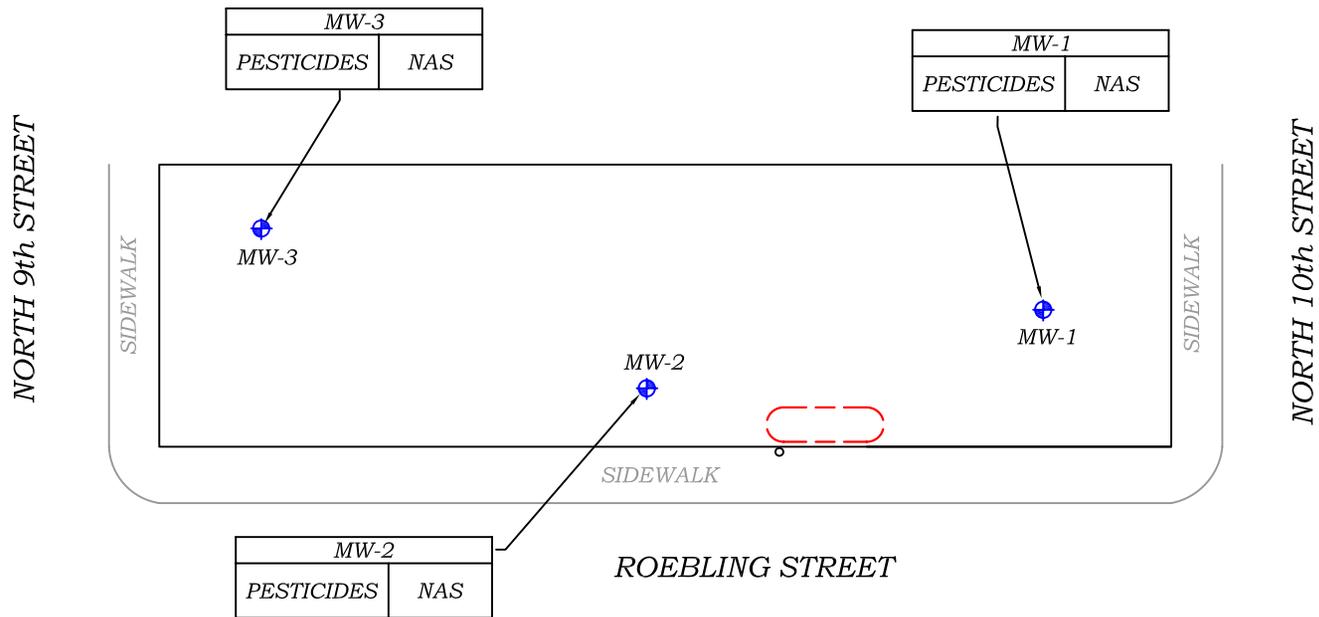
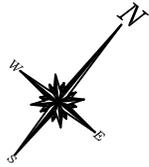
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 Approved By: M.S.
 Date: 12/19/13
 Scale: AS NOTED

TITLE:

FIGURE 16: SVOCs IN GROUNDWATER



LEGEND:

- MONITORING WELL LOCATION (MW)
- $\mu\text{g/L}$ MICROGRAM PER LITER
- NAS NONE ABOVE STANDARDS
- GQS GROUNDWATER QUALITY STANDARDS



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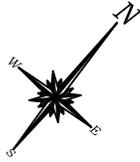
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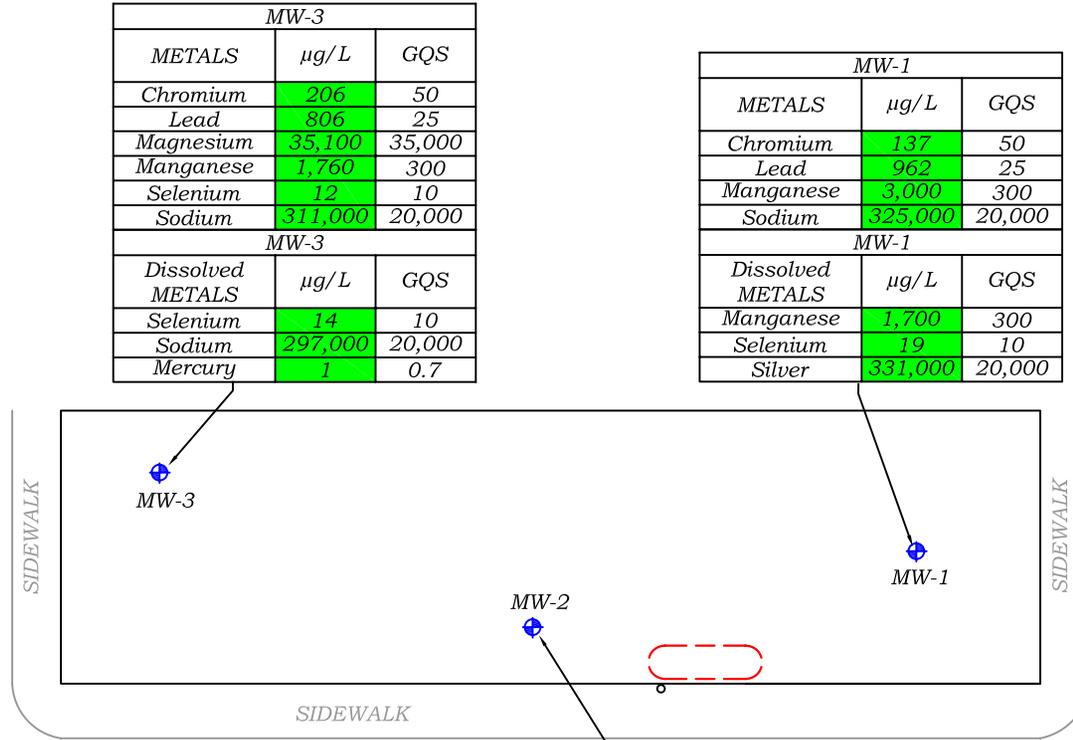
TITLE:

FIGURE 17: PESTICIDES IN GROUNDWATER



NORTH 9th STREET

NORTH 10th STREET



MW-3		
METALS	µg/L	GQS
Chromium	206	50
Lead	806	25
Magnesium	35,100	35,000
Manganese	1,760	300
Selenium	12	10
Sodium	311,000	20,000
MW-3		
Dissolved METALS	µg/L	GQS
Selenium	14	10
Sodium	297,000	20,000
Mercury	1	0.7

MW-1		
METALS	µg/L	GQS
Chromium	137	50
Lead	962	25
Manganese	3,000	300
Sodium	325,000	20,000
MW-1		
Dissolved METALS	µg/L	GQS
Manganese	1,700	300
Selenium	19	10
Silver	331,000	20,000

ROEBLING STREET

MW-2		
METALS	µg/L	GQS
Chromium	148	50
Lead	671	25
Manganese	2,100	300
Sodium	341,000	20,000
MW-2		
Dissolved METALS	µg/L	GQS
Magnesium	35,800	35,000
Selenium	15	10
Silver	315,000	20,000

LEGEND:



MONITORING WELL LOCATION (MW)

µg/L

MICROGRAM PER LITER

GQS

GROUNDWATER QUALITY STANDARDS



SHADED VALUES EXCEED GQS



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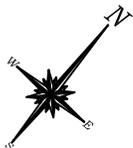
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Approved By: M.S.
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TITLE:

FIGURE 18: METALS IN GROUNDWATER



NORTH 9th STREET

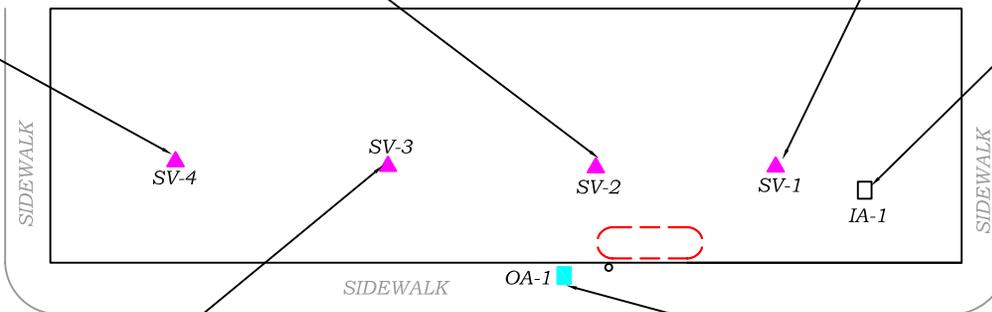
NORTH 10th STREET

SV-2		
VOCs	$\mu\text{g}/\text{m}^3$	NYSDOH BS
1,1,1-Trichloroethane	190	<0.25 - 1.1
1,1-Dichloroethane	97	<0.25
Chloroform	14	<0.25 - 0.5
Methylene chloride	29	<0.3 - 6.6
n-Hexane	15	<0.6 - 5.9
Tetrachloroethylene	17	<0.25 - 1.1
Trichloroethylene	22	<0.25

SV-1		
VOCs	$\mu\text{g}/\text{m}^3$	NYSDOH BS
Acetone	170	<9.9 - 52
Chloroform	18	<0.25 - 0.5
Trichloroethylene	29	<0.25

SV-4		
VOCs	$\mu\text{g}/\text{m}^3$	NYSDOH BS
1,1,1-Trichloroethane	68	<0.25 - 1.1
Trichloroethylene	30	<0.25

IA-1		
VOCs	$\mu\text{g}/\text{m}^3$	NYSDOH BS
1,2,4-Trimethylbenzene	4.8	0.96 - 4.3
1,3,5-Trimethylbenzene	1.8	0.3 - 1.7
1,4-Dichlorobenzene	0.67	<0.25 - 0.5
Acetone	56	<9.9 - 52
Carbon tetrachloride	0.77	<0.25 - 0.6
Chloroform	0.65	<0.25 - 0.5
Chloromethane	2.8	<0.25 - 1.8
p- & m- Xylenes	5.7	<0.5 - 4.6
Tetrachloroethylene	1.9	<0.25 - 1.1
Trichloroethylene	0.87	<0.25



SV-3		
VOCs	$\mu\text{g}/\text{m}^3$	NYSDOH BS
1,1,1-Trichloroethane	110	<0.25 - 1.1
Acetone	120	<9.9 - 52
Methylene chloride	20	<0.3 - 6.6
n-Hexane	9.1	<0.6 - 5.9
Tetrachloroethylene	17	<0.25 - 1.1
Trichloroethylene	25	<0.25

OA-1		
VOCs	$\mu\text{g}/\text{m}^3$	NYSDOH BS
Acetone	29	<9.9 - 52
Carbon tetrachloride	0.64	<0.25 - 0.6
Methylene chloride	9.3	<0.25 - 1.9
n-heptane	1.2	<0.25 - 1.0
n-hexane	4.2	<0.25 - 0.6
o-Xylene	1.5	<0.25 - 0.5
Tetrachloroethylene	1.3	<0.25 - 1.1

ROEBLING STREET

LEGEND:

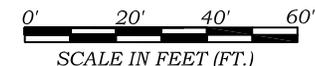
▲ SUB-SLAB VAPOR PROBE LOCATION (SV)

VOC VOLATILE ORGANIC COMPOUNDS

$\mu\text{g}/\text{m}^3$ MICROGRAMS PER CUBIC METER

NYSDOH NEW YORK STATE DEPT. OF HEALTH

BS BACKGROUND STANDARD



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FIGURE 19: VOCs IN SOIL VAPOR & AIR

TABLES

Table 1
Groundwater Elevation Surveying Details - August 2013
28-46 Roebling St, Brooklyn NY

Monitoring Well (MW)	Aug-13				
	Shot (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Benchmark	Groundwater Elevation (Feet)
MW-1	6.02	ND	3.15	30	20.83
MW-2	6.04	ND	3.16	30	20.80
MW-3	5.94	ND	2.98	30	21.08

ND.....None Detected

Table 2
Soil Analytical Results - Volatile Organic Compounds
28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-1 (0-2)	SP-1 (2-4)	SP-2 (0-2)	SP-2 (2-4)	SP-3 (0-2)	SP-3 (2-4)	SP-4 (0-2)	SP-4 (2-4)	SP-5 (0-2)	SP-5 (2-4)	SP-6 (0-2)	SP-6 (2-4)	SP-7 (0-2)	SP-7 (2-4)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs-Residential
Sampling Date	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013		
Matrix Units	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/kg dry	Soil mg/Kg	Soil mg/Kg
<i>Volatile Organics, 8260 List</i>																
1,1,1,2-Tetrachloroethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	<0.0027
1,1,1-Trichloroethane	<0.34	<0.74	0.0061 J	0.23 J,D	<0.004	<0.33	0.03	0.011	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.68	100
1,1,2,2-Tetrachloroethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,1,2-Trichloroethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	0.0076	0.0029 J	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,1-Dichloroethane	<0.34	<0.74	0.033	1.7 D	0.0053 J	<0.33	<0.0036	0.0032 J	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.27	19
1,1-Dichloroethylene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.33	100
1,1-Dichloropropylene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,2,3-Trichlorobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,2,3-Trichloropropane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,2,4-Trichlorobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,2,4-Trimethylbenzene	48 D	<0.74	<0.0032	5.7 D	0.036	0.51 J,D	<0.0036	<0.0026	<0.0039	<0.0026	0.0033 J	<0.0023	<0.003	<0.0027	3.6	47
1,2-Dibromo-3-chloropropane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,2-Dibromoethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,2-Dichlorobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	1.1	100
1,2-Dichloroethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.02	2.3
1,2-Dichloropropane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,3,5-Trimethylbenzene	32 D	<0.74	<0.0032	0.54 D	0.0096	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	8.4	47
1,3-Dichlorobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	2.4	17
1,3-Dichloropropane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
1,4-Dichlorobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	1.8	9.8
1,4-Dioxane	<6.7	<15	<0.064	<4.3	<0.08	<6.7	<0.072	<0.051	<0.078	<0.052	<0.061	<0.046	<0.06	<0.054	0.1	9.8
2,2-Dichloropropane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
2-Butanone	1.1 D	<0.74	<0.0032	0.5 D	0.012	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	0.021	<0.0023	0.0032 J	<0.0027	0.12	100
2-Chlorotoluene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
4-Chlorotoluene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Acetone	0.97 J,D	<0.74	0.0043 J	<0.21	0.056	<0.33	<0.0036	0.0059 J	0.024	0.0092 J	0.75	0.0073 J	0.021	0.024	0.05	100
Benzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.06	2.9
Bromobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Bromochloromethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Bromodichloromethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Bromoform	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Bromomethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Carbon tetrachloride	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.76	1.4
Chlorobenzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	1.1	100
Chloroethane	<0.34	<0.74	<0.0032	1 D	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Chloroform	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.37	10
Chloromethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
cis-1,2-Dichloroethylene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.25	59
cis-1,3-Dichloropropylene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Dibromochloromethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Dibromomethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Dichlorodifluoromethane	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Ethyl Benzene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	1	30
Hexachlorobutadiene	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Isopropylbenzene	1.4 D	3.1 D	<0.0032	1.3 D	0.0071 J	0.99 D	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	NS	NS
Methyl tert-butyl ether (MTBE)	<0.34	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	0.93	62
Methylene chloride	0.35 J,D	<0.74	<0.0032	<0.21	<0.004	<0.33	0.004 J	<0.0026	0.007 J	0.011	0.0034 J	0.0026 J	0.0042 J	0.003 J	0.05	51
n-Butylbenzene	<0.34	<0.74	<0.0032	2.4 D	0.0061 J	1.6 D	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	12	100
n-Propylbenzene	3.9 D	<2.4	<0.0032	2.8 D	0.0088 J	1.4 D	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	3.9	100
Naphthalene	33 D	2.9 J,D	0.0033 J	0.25 J,D	<0.004	<0.33	<0.0036	<0.0026	<0.0039	<0.0026	<0.003	<0.0023	<0.003	<0.0027	12	100
o-Xylene	2.2 D	<0.74	<0.0032	<0.21	<0.004	<0.33	<0.0									

Table 2
Soil Analytical Results - Semi-Volatile Organic Compounds
28-46 Roebing Street, Brooklyn, NY

Sample ID	SP-1 (0-2)	SP-1 (2-4)	SP-2 (0-2)	SP-2 (2-4)	SP-3 (0-2)	SP-3 (2-4)	SP-4 (0-2)	SP-4 (2-4)	SP-5 (0-2)	SP-5 (2-4)	SP-6 (0-2)	SP-6 (2-4)	SP-7 (0-2)	SP-7 (2-4)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs-Residential			
	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013					
Matrix	Soil	Soil																	
Units	mg/kg dry	mg/kg	mg/kg																
<i>Semi-Volatiles, 8270 Target List</i>																			
1,2,4-Trichlorobenzene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
1,2-Dichlorobenzene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	1.1	100			
1,3-Dichlorobenzene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	2.4	17			
1,4-Dichlorobenzene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	1.8	9.8			
2,4,5-Trichlorophenol	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2,4,6-Trichlorophenol	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2,4-Dichlorophenol	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
2,4-Dimethylphenol	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2,4-Dinitrophenol	<0.215	<2.42	<0.4	<0.986	<2.13	<4.77	<1.05	<0.205	<0.223	<0.2	<0.244	<0.202	<0.201	<0.204	NS	NS			
2,4-Dinitrotoluene	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
2,6-Dinitrotoluene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2-Chloronaphthalene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2-Chlorophenol	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2-Methylnaphthalene	0.104	J	<0.609	2.13	D	<0.535	5.83	D	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS	
2-Methylphenol	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	0.33	100			
2-Nitroaniline	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
2-Nitrophenol	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
3,3'-Dichlorobenzidine	<0.215	<2.42	<0.4	<0.986	<2.13	<4.77	<1.05	<0.205	<0.223	<0.2	<0.244	<0.202	<0.201	<0.204	NS	NS			
3- & 4-Methylphenols	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
3-Nitroaniline	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
4,6-Dinitro-2-methylphenol	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
4-Bromophenyl phenyl ether	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
4-Chloro-3-methylphenol	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
4-Chloroaniline	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
4-Chlorophenyl phenyl ether	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
4-Nitroaniline	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
4-Nitrophenol	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
Acenaphthene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	20	100			
Acenaphthylene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	100	100			
Aniline	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Anthracene	0.123	J	<0.609	0.123	J,D	0.313	J,D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	100	100
Benzo(a)anthracene	0.309	<0.609	0.411	D	1.22	D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	1	1	
Benzo(a)pyrene	0.301	<0.609	0.387	J,D	1.07	D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	1	1	
Benzo(b)fluoranthene	0.365	<0.609	0.304	J,D	0.921	J,D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	1	1	
Benzo(g,h,i)perylene	<0.108	<1.22	0.303	J,D	0.622	J,D	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.102	<0.103	100	100			
Benzo(k)fluoranthene	0.334	<0.609	0.454	D	1.29	D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	0.8	1	
Benzyl alcohol	<0.108	<1.22	<0.201	<0.496	<1.07	<2.4	<0.526	<0.103	<0.112	<0.101	<0.123	<0.102	<0.101	<0.103	NS	NS			
Benzyl butyl phthalate	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Bis(2-chloroethoxy)methane	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Bis(2-chloroethyl)ether	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Bis(2-chloroisopropyl)ether	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Bis(2-ethylhexyl)phthalate	0.0606	J	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS		
Chrysene	0.316	<0.609	0.406	D	1.14	D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	1	1	
Di-n-butyl phthalate	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Di-n-octyl phthalate	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Dibenz(a,h)anthracene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	0.33	0.33			
Dibenzofuran	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	7	14			
Diethyl phthalate	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Dimethyl phthalate	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	NS	NS			
Fluoranthene	0.589	0.856	J,D	0.707	D	1.71	D	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	100	100
Fluorene	0.0619	J	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	30	100		
Hexachlorobenzene	<0.0542	<0.609	<0.101	<0.248	<0.535	<1.2	<0.263	<0.0515	<0.056	<0.0504	<0.0614	<0.0508	<0.0506	<0.0513	0.33	0.33			

Table 4
Soil Analytical Results - Pesticides and PCBs
28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-1 (0-2)	SP-1 (2-4)	SP-2 (0-2)	SP-2 (2-4)	SP-3 (0-2)	SP-3 (2-4)	SP-4 (0-2)	SP-4 (2-4)	SP-5 (0-2)	SP-5 (2-4)	SP-6 (0-2)	SP-6 (2-4)	SP-7 (0-2)	SP-7 (2-4)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs- Residential
Sampling Date	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013		
Matrix	Soil	Soil														
Units	mg/kg dry	mg/Kg	mg/Kg													
Pesticides/PCBs, EPA 8081/8082 List																
4,4'-DDD	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.0033	2.6
4,4'-DDE	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.0033	1.8
4,4'-DDT	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.0033	1.7
Aldrin	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.005	0.019
alpha-BHC	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.02	0.097
Aroclor 1016	<0.0219	<0.0247	<0.0204	<0.0201	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
Aroclor 1221	<0.0219	<0.0247	<0.0204	<0.0201	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
Aroclor 1232	<0.0219	<0.0247	<0.0204	<0.0201	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
Aroclor 1242	<0.0219	<0.0247	<0.0204	<0.0201	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
Aroclor 1248	<0.0219	<0.0247	<0.0204	<0.0201	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
Aroclor 1254	<0.0219	<0.0247	<0.0204	0.1	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
Aroclor 1260	<0.0219	<0.0247	<0.0204	<0.0201	<0.0216	<0.0243	<0.0213	<0.0209	<0.0227	<0.0204	<0.0249	<0.0205	<0.0205	<0.0208	NS	NS
beta-BHC	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.036	0.072
Chlordane, total	<0.00851	<0.00957	<0.00791	<0.0078	<0.0084	<0.00942	<0.00827	<0.0081	<0.0088	<0.00792	<0.00965	<0.00798	<0.00795	<0.00806	NS	NS
delta-BHC	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.04	100
Dieldrin	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.005	0.039
Endosulfan I	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	2.4	4.8
Endosulfan II	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	2.4	4.8
Endosulfan sulfate	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	2.4	4.8
Endrin	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.014	2.2
Endrin aldehyde	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	NS	NS
Endrin ketone	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	NS	NS
gamma-BHC (Lindane)	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.1	0.28
Heptachlor	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	0.042	0.42
Heptachlor epoxide	<0.00213	<0.00239	<0.00198	<0.00195	<0.0021	<0.00235	<0.00207	<0.00203	<0.0022	<0.00198	<0.00241	<0.00199	<0.00199	<0.00201	NS	NS
Methoxychlor	<0.0106	<0.012	<0.00989	<0.00975	<0.0105	<0.0118	<0.0103	<0.0101	<0.011	<0.00989	<0.0121	<0.00997	<0.00993	<0.0101	NS	NS
Total PCBs	<0.00877	<0.00986	<0.00815	0.1	<0.00865	<0.0097	<0.00852	<0.00835	<0.00907	<0.00816	<0.00995	<0.00822	<0.00819	<0.0083	0.1	1
Toxaphene	<0.108	<0.121	<0.1	<0.0986	<0.106	<0.119	<0.105	<0.102	<0.111	<0.1	<0.122	<0.101	<0.101	<0.102	NS	NS

NOTES:

D=result is from an analysis that required a dilution

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

Less than sign indicates analyte not detected at or above the level indicated

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

Table 5
Soil Analytical Results - Metals
28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-1 (0-2)	SP-1 (2-4)	SP-2 (0-2)	SP-2 (2-4)	SP-3 (0-2)	SP-3 (2-4)	SP-4 (0-2)	SP-4 (2-4)	SP-5 (0-2)	SP-5 (2-4)	SP-6 (0-2)	SP-6 (2-4)	SP-7 (0-2)	SP-7 (2-4)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs- Residential
Sampling Date	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	8/26/2013	Soil mg/kg	Soil mg/kg
Matrix Units	Soil mg/kg	Soil mg/kg														
Aluminum	6220	5800	4580	10100	5630	7960	9270	9170	5680	9360	6600	8540	5710	10300	NS	NS
Antimony	1.87	0.969	4.71	1.05	6.29	<0.714	1.45	<0.614	7.29	1.02	10.6	1.37	2.81	<0.611	NS	NS
Arsenic	16.3	13.8	63.8	5.04	14.5	13.3	14.6	3.77	22.1	14.4	38.2	6.04	13.2	3.44	13	16
Barium	1790	355	3460	964	2440	374	491	71.8	3790	531	10300	D 1550	1110	166	350	350
Beryllium	<0.129	<0.145	<0.12	<0.118	<0.127	<0.143	<0.125	<0.123	<0.133	<0.12	<0.146	<0.121	<0.12	<0.122	7.2	14
Cadmium	<0.387	<0.435	2.79	<0.354	1.72	<0.428	<0.376	<0.368	11.1	<0.36	4.8	<0.363	1.58	<0.366	2.5	2.5
Calcium	9300	6260	26300	3140	31400	12500	19500	2150	18500	40400	16400	4380	11200	16800	NS	NS
Chromium	33.7	13.7	70.8	20.7	65.1	20.9	18.7	22.4	56.5	19.9	118	31.7	34.7	20.4	NS	NS
Cobalt	6.26	10.3	6.1	7.37	6.04	7.47	7.44	11	3.95	5.62	1.59	7.4	6.04	8.76	NS	NS
Copper	139	80.7	192	49.5	136	70.1	224	153	8170	D 40.8	314	136	46.2	23.6	50	270
Iron	16000	18700	19700	26000	14400	21100	17800	30600	19100	15900	21900	22100	15700	24600	NS	NS
Lead	758	408	7320	481	1530	2490	589	31	20700	D 400	7910	949	1220	138	63	400
Magnesium	1200	624	5280	2310	4380	2140	1770	2780	3480	10300	1780	2410	2960	8070	NS	NS
Manganese	201	102	207	351	200	361	309	631	364	471	396	329	307	721	1600	2000
Nickel	20.1	24.5	21	22.6	20	19.2	17.2	19.4	22.8	22.8	22.7	19.3	22.9	18.8	30	140
Potassium	810	857	806	908	1150	1230	1150	1420	947	1540	1220	1440	837	1620	NS	NS
Selenium	3.53	5.21	2.85	2.43	2.52	2.98	1.94	3.2	4.05	3.23	2.68	2.65	2.89	2.05	3.9	36
Silver	<0.645	<0.725	<0.599	<0.591	<0.636	<0.714	<0.626	<0.614	2.81	<0.6	<0.731	<0.604	<0.602	<0.611	2	36
Sodium	849	721	568	297	721	482	593	296	523	729	456	245	447	419	NS	NS
Thallium	<1.29	<1.45	<1.2	<1.18	<1.27	<1.43	<1.25	<1.23	<1.33	<1.2	<1.46	<1.21	<1.2	<1.22	NS	NS
Vanadium	22.4	28.8	18.7	24.6	29.5	29.9	29.1	36.8	17.2	22.7	25.9	32.7	20.6	32.4	NS	NS
Zinc	1000	354	3920	308	2070	1950	807	746	26100	D 2110	24500	D 626	2360	377	109	2200
Mercury	2.63	3.41	2.15	2.2	1.27	1.81	2.51	0.771	1.68	0.416	0.164	0.0384	0.504	0.451	0.18	0.81
Chromium, Trivalent	26.1	9.47	59.1	17.5	51.2	14.7	18.7	22.4	56.5	19.9	118	31.7	34.7	20.4	30	36
Chromium, Hexavalent	<0.451	<0.508	<0.419	<0.413	<0.445	<0.5	<0.438	<0.43	<0.467	<0.42	<0.512	<0.423	<0.421	<0.427	1	22

NOTES:
Gray shading indicates exceedance of Unrestricted SCO
Blue shading indicates exceedance of Restricted Residential SCO
Less than sign indicates analyte not detected at or above the level indicated
NS=this indicates that no regulatory limit has been established for this analyte

Table 6
Shallow Soil Analytical Results - RCRA Metals - SP-8 to SP-36
28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20	SP-21	SP-22	SP-23	SP-24	SP-25	SP-26	SP-27	SP-28	SP-29	SP-30	SP-31	SP-32	SP-33	SP-34	SP-35	SP-36	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
Sample Depth	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'		
Sampling Date	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013		
Matrix	Soil																														
Units	mg/kg	mg/Kg																													
Arsenic	12.9	48	10.8	1.98	7.57	36.8	20.2	21.1	17.2	24	19.3	36.3	13.2	6.91	3.99	6.65	3.54	15.6	2.51	13.4	10.3	15	14.9	10.6	10.9	14.9	5.79	2.91	6.98	13	16
Barium	2460	382	548	44.2	1160	332	3120	1180	567	1060	572	2920	1430	642	167	196	87.2	422	90.6	626	289	1020	1630	722	221	3090	155	58.5	134	350	350
Cadmium	3.85	0.799	<0.368	<0.352	0.423	<0.397	<1.48	0.749	<0.404	<0.379	0.601	2.18	1.75	<0.356	<0.357	<0.362	<0.348	0.43	0.34	0.449	<0.393	0.856	0.884	<0.35	0.52	1.6	<0.351	1.83	1.64	2.5	2.5
Chromium	29.6	50.5	14.3	22.8	46.4	15.1	80	252	15.3	37.4	28.9	36.6	47.2	33.3	11.6	13.6	18.6	16.1	23.4	28.4	14.5	17.1	27.6	18.4	16	13.3	19.3	20.3	15.8	NS	NS
Lead	1400	320	334	12.5	497	1580	2580	1040	436	1950	810	2320	1400	413	193	417	268	636	8.54	961	511	701	614	614	434	901	173	12.1	277	63	400
Selenium	3.41	17.8	6	5.96	2.74	3.54	9	1.87	2.99	3.93	1.57	6	3.21	<1.19	<1.19	2.52	<1.16	5.37	1.83	4.04	<1.31	1.58	1.56	1.87	1.55	2.45	1.47	<1.22	<1.25	3.9	36
Silver	<0.587	<0.542	<0.614	<0.587	<0.587	<0.662	<0.749	<0.629	<0.673	<0.632	<0.663	<0.669	<0.597	<0.593	<0.595	<0.603	<0.58	<0.716	<0.567	0.748	<0.654	<0.619	<0.594	<0.584	0.636	<0.688	<0.584	<0.609	<0.627	2	36
Mercury by 7473	0.703	0.783	NT	NT	NT	NT	NT	NT	2.08	4	1.63	1.22	3.75	0.356	0.185	1.55	0.111	2.64	0.0118	1.44	2.09	2.55	0.74	1.59	3.64	2.08	1.2	0.033	0.578	0.18	0.81
Mercury by 7470/7471	NT	NT	0.197	0.34	0.0387	0.358	0.45	0.516	NT	0.18	0.81																				

NOTES:
Orange shading indicates exceedance of RRSCO
Gray shading indicates exceedance of UUSCO

Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
--this indicates that no regulatory limit has been established for this analyte

Table 7
Middle Soil Analytical Results - Metals - SP-8 to SP-36
28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20	SP-21	SP-22	SP-23	SP-24	SP-25	SP-26	SP-27	SP-28	SP-29	SP-30	SP-31	SP-32	SP-33	SP-34	SP-35	SP-36	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential
Sample Depth	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'		
Sampling Date	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013		
Matrix	Soil																														
Units	mg/kg	mg/Kg																													
Arsenic	21.1	12.2	2.83	2.17	2.36	2.7	16.2	9.89	18.2	20.5	4.55	11.9	12.6	7.63	3.38	8.13	4.22	17	2.36	2.55	17.7	6.8	2.28	16.3	7.42	2.77	2.67	2.51	3.26	13	16
Barium	1370	249	91.4	42.7	59.3	48.2	2790	421	1130	774	564	864	420	1360	79.9	331	76.5	443	46.5	190	299	419	47.8	423	152	77.9	37.5	33.1	72.8	350	350
Cadmium	<1.22	0.4	0.334	0.341	0.345	0.339	5.04	0.357	0.422	0.923	0.355	0.359	0.428	<0.362	<0.352	<0.383	<0.352	<0.427	<0.343	<0.36	<0.444	<0.356	<0.349	<0.403	<0.358	<0.352	1.68	1.63	1.36	2.5	2.5
Chromium	<31.8	17	20.1	12	25.4	17.1	60.3	27	52.9	26.9	41.1	24.9	17.5	53.1	8.77	15.6	18	15.3	22.1	28.6	15.1	21.5	22.4	17.5	17.5	25.1	18.1	15.1	16.6	NS	NS
Lead	1150	398	46.9	8.84	12.1	11.4	3790	358	684	2140	332	496	864	412	47	198	274	985	6.85	31.3	1020	468	8.28	523	252	78	12.6	8.96	23.5	63	400
Selenium	5.42	3.58	1.86	3.29	4.48	4.11	4.34	2.84	1.91	5.7	1.55	1.73	3.06	<1.21	<1.17	1.28	1.42	1.9	<1.14	1.36	4.46	1.33	2.26	2.62	2.16	2.45	<1.18	<1.16	<1.15	3.9	36
Silver	<0.655	<0.666	<0.557	<0.568	<0.575	<0.565	<0.622	<0.595	<0.704	<0.749	<0.592	<0.598	<0.714	<0.604	<0.587	<0.639	<0.586	<0.712	<0.572	<0.601	<0.741	<0.593	<0.581	<0.672	<0.597	<0.586	<0.591	<0.581	<0.574	2	36
Mercury by 7473	14.9	NT	1.88	3.74	0.108	0.233	3.75	0.218	0.0177	1.96	0.0224	0.785	0.0152	0.0259	1.95	4.29	0.0382	4.25	0.864	0.169	0.175	0.0509	0.0576	0.18	0.81						
Mercury 7470/7471	NT	0.044	0.0367	0.0375	0.038	0.0373	0.224	0.167	NT	0.18	0.81																				

NOTES:
 Orange shading indicates exceedance of RRSCO
 Gray shading indicates exceedance of UUSCO
 Q is the Qualifier Column with definitions as follows:
 B=analyte found in the analysis batch blank
 U=analyte not detected at or above the level indicated
 NT=this indicates the analyte was not a target for this sample
 --this indicates that no regulatory limit has been established for this analyte

Table 8
 Deep Soil Analytical Results - Metals - SP-8 to SP-36
 28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20	SP-21	SP-22	SP-23	SP-24	SP-25	SP-26	SP-27	SP-28	SP-29	SP-30	SP-31	SP-32	SP-33	SP-34	SP-35	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	
Sample Depth	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'			
Sampling Date	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013			
Matrix	Soil																														
Units	mg/kg	mg/Kg	mg/Kg																												
Arsenic	3.42	12.3	3.04	3.22	1.92	3.05	8.04	7.96	16.2	15.4	8.93	13.2	7.52	2.69	3.95	10.7	1.73	10.3	2.27	2.67	21.4	2.22	2.26	2.33	1.63	3.47	3.24	3.28	13	16	
Barium	63.6	306	78.2	47.8	52.1	60	561	510	452	342	438	1430	199	92.7	76.4	603	73.1	164	58.7	68.8	247	92.3	52.5	38.7	54	53.5	66.5	39.2	350	350	
Cadmium	<0.347	<0.461	<0.354	<0.343	<0.349	<0.346	<0.365	0.416	<0.462	<0.418	1.39	1.75	<0.413	<0.35	<0.354	<0.433	<0.349	<0.443	<0.346	<0.356	<0.47	<0.347	<0.357	<0.361	<0.347	<0.343	2.86	1.41	2.5	2.5	
Chromium	20.4	10.3	21.8	20.9	15.4	18.2	29.8	106	15.6	12.7	21.5	47.2	15.9	17.6	22	12.1	23.9	18.4	17.5	21.6	10.2	25.7	17.6	18	25.1	17.6	26.1	12	NS	NS	
Lead	21.9	266	38.1	6.36	39.9	18.1	924	348	598	586	427	1400	509	102	173	566	8.06	158	5.87	6.82	347	19.4	23.3	6.24	7.15	495	15.3	10.1	63	400	
Selenium	3.74	3.33	4.06	4.3	4.15	4.93	1.5	1.25	2.84	5.72	3.26	3.21	<1.38	<1.17	<1.18	<1.6	<1.16	<1.48	1.56	1.84	4.03	1.82	1.77	1.2	1.68	1.25	<1.18	<1.25	3.9	36	
Silver	<0.578	<0.768	<0.589	<0.571	<0.582	<0.577	<0.608	<0.583	<0.769	<0.697	<0.59	<0.597	<0.689	<0.583	<0.589	<0.721	<0.582	<0.739	<0.576	<0.593	<0.783	<0.579	<0.596	<0.601	<0.579	<0.571	<0.59	<0.623	2	36	
Mercury by 7473	0.244	NT	1.11	2.6	0.725	0.905	1.16	0.199	0.0171	0.178	0.00802	1.79	0.013	0.0169	3.04	0.0204	0.0189	0.517	0.062	0.024	0.034	0.0109	0.18	0.81							
Mercury by 7470/7471	NT	<0.0507	<0.0389	<0.0377	<0.0384	0.242	0.134	0.175	NT	0.18	0.81																				

NOTES:
 Orange shading indicates exceedance of RRSCO
 Gray shading indicates exceedance of UUSCO

Q is the Qualifier Column with definitions as follows:
 B=analyte found in the analysis batch blank
 U=analyte not detected at or above the level indicated
 NT=this indicates the analyte was not a target for this sample
 ~this indicates that no regulatory limit has been established for this analyte

Table 9
Shallow Soil Analytical Results - TCLP Metals - SP-8 to SP-36
28-46 Rockling Street, Brooklyn, NY

Sample ID	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20	SP-21	SP-22	SP-23	SP-24	SP-25	SP-26	SP-27	SP-28	SP-29	SP-30	SP-31	SP-32	SP-33	SP-34	SP-35	SP-36	
Sample Depth	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	
Sampling Date	10/31/2013	10/31/2013	10/31/2013	10/31/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Metals, TCLP RCRA																														
Arsenic	<0.004	0.006	<0.004	<0.004	<0.004	0.034	<0.004	<0.004	<0.004	<0.004	0.047	0.037	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Barium	0.356	0.198	0.971	0.724	0.297	0.597	0.743	1.38	0.901	0.292	0.839	3.39	1	0.728	0.571	0.617	0.702	0.874	1.27	1.18	1.22	0.578	1.87	1.29	0.872	1.27	0.826	1.12	0.5	
Cadmium	0.076	<0.003	<0.003	<0.003	<0.003	<0.003	0.016	0.011	<0.003	0.006	0.01	<0.003	<0.003	0.009	<0.003	<0.003	<0.003	<0.003	<0.003	0.004	0.004	0.011	0.01	0.007	0.007	0.015	0.006	0.006	<0.003	
Chromium	<0.005	0.015	<0.005	<0.005	<0.005	<0.005	<0.005	0.036	<0.005	<0.005	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005	
Lead	6.44	0.007	0.118	0.097	0.005	0.183	0.263	1.02 B	0.055 B	5.25 B	0.48 B	2.77 B	0.43 B	0.069	0.092	1.17	1.93	0.156	0.055	0.18	0.201	1.15	1.26	0.299	0.127	3.72	0.055	0.023	<0.003	
Selenium	<0.01	0.034 B	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01 B	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Silver	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039

NOTES:
Gray shading indicates concentration is hazardous (exceeds 5 mg/L)

Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 10
Middle Soil Analytical Results - TCLP Metals - SP-8 to SP-36
28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20	SP-21	SP-22	SP-23	SP-24	SP-25	SP-26	SP-27	SP-28	SP-29	SP-30	SP-31	SP-32	SP-33	SP-34	SP-35	SP-36	
Sample Depth	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	2'-4'	
Sampling Date	10/31/2013	10/31/2013	10/31/2013	10/31/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Metals, TCLP RCRA																														
Arsenic	0.084	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.038	0.024	<0.004	0.018	0.032	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Barium	1.5	0.863	0.536	0.563	0.518	0.491	0.803	1.23	1.26	0.765	1.04	2.56	0.59	1.21	0.4	0.615	0.527	1.13	0.871	0.817	1.25	1.98	1.15	0.842	1.06	1.37	1.73	1.11	0.504	
Cadmium	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.016	<0.003	<0.003	0.005	<0.003	<0.003	0.006	<0.011	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.006	<0.003	<0.003	<0.003	0.005	0.006	0.007	0.004	<0.003	
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	9.46	0.072	0.022	0.064	0.029	0.029	3.35	0.167 B	2.87 B	2.61 B	0.776 B	1.02 B	2.93 B	0.248	0.013	0.095	0.313	0.589	<0.005	0.072	0.352	0.264	<0.016	0.442	0.078	0.12	0.044	<0.003	<0.003	
Selenium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Silver	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039

NOTES:
Gray shading indicates concentration is hazardous (exceeds 5 mg/L)

Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample
~this indicates that no regulatory limit has been established for this analyte

Table 11
 Deep Soil Analytical Results - TCLP Metals - SP-8 to SP-36
 28-46 Roebling Street, Brooklyn, NY

Sample ID	SP-8	SP-9	SP-10	SP-11	SP-12	SP-13	SP-14	SP-15	SP-16	SP-17	SP-18	SP-19	SP-20	SP-21	SP-22	SP-23	SP-24	SP-25	SP-26	SP-27	SP-28	SP-29	SP-30	SP-31	SP-32	SP-33	SP-34	SP-35	
Sample Depth	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	4'-6'	
Sampling Date	10/31/2013	10/31/2013	10/31/2013	10/31/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/1/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/4/2013	11/5/2013	11/5/2013	11/5/2013	11/5/2013	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Metals, TCLP RCRA																													
Arsenic	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.036	0.067	<0.004	<0.004	0.032	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Barium	0.661	1.23	0.686	0.425	0.63	0.454	0.894	0.624	1.03	0.721	1.34	0.572	0.59	1.06	0.801	0.999	1.18	1.23	1.45	1.27	1.03	1.03	1.17	1.05	1.12	1.11	1.34	1.03	
Cadmium	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.009	<0.003	<0.003	<0.003	<0.003	0.008	0.006	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.018	<0.003	<0.004	<0.003	<0.003	0.003	0.004	<0.003	
Chromium	0.009	<0.005	0.007	<0.005	<0.005	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	0.03	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	0.199	0.877	0.028	0.014	0.492	0.025	7.88	0.016	0.056	2.05	0.116	0.599	2.93	0.588	1.99	1.11	0.028	0.051	0.008	0.009	<0.01	0.009	<0.019	0.009	0.05	0.192	<0.015	<0.003	
Selenium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.015	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Silver	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Mercury	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	<0.000039	

NOTES:
 Gray shading indicates concentration is hazardous (exceeds 5 mg/L)

Q is the Qualifier Column with definitions as follows:
 B=analyte found in the analysis batch blank
 U=analyte not detected at or above the level indicated
 NT=this indicates the analyte was not a target for this sample
 --this indicates that no regulatory limit has been established for this analyte

Table 12
Groundwater Analytical Results - Volatile Organic Compounds
28-46 Roebing Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	MW-1 8/28/2013 Water ug/L	MW-2 8/28/2013 Water ug/L	MW-3 8/28/2013 Water ug/L	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L
<i>Volatile Organics, 8260 List</i>				
1,1,1,2-Tetrachloroethane	<2.5	<2.5	<2.5	5
1,1,1-Trichloroethane	<2.5	<2.5	<2.5	5
1,1,2,2-Tetrachloroethane	<2.5	<2.5	<2.5	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<2.5	<2.5	<2.5	5
1,1,2-Trichloroethane	<2.5	<2.5	<2.5	1
1,1-Dichloroethane	<2.5	<2.5	<2.5	5
1,1-Dichloroethylene	<2.5	<2.5	<2.5	5
1,1-Dichloropropylene	<2.5	<2.5	<2.5	5
1,2,3-Trichlorobenzene	<2.5	<2.5	<2.5	5
1,2,3-Trichloropropane	<2.5	<2.5	<2.5	0.04
1,2,4-Trichlorobenzene	<2.5	<2.5	2.5	5
1,2,4-Trimethylbenzene	<2.5	<2.5	2.5	5
1,2-Dibromo-3-chloropropane	<2.5	<2.5	<2.5	0.04
1,2-Dibromoethane	<2.5	<2.5	<2.5	5
1,2-Dichlorobenzene	<2.5	<2.5	<2.5	3
1,2-Dichloroethane	<2.5	<2.5	<2.5	0.6
1,2-Dichloropropane	<2.5	<2.5	<2.5	1
1,3,5-Trimethylbenzene	<2.5	<2.5	<2.5	5
1,3-Dichlorobenzene	<2.5	<2.5	<2.5	3
1,3-Dichloropropane	<2.5	<2.5	<2.5	5
1,4-Dichlorobenzene	<2.5	<2.5	<2.5	3
2,2-Dichloropropane	<2.5	<2.5	<2.5	5
2-Butanone	12	<2.5	2.7	J 50
2-Chlorotoluene	<2.5	<2.5	<2.5	5
4-Chlorotoluene	<2.5	<2.5	<2.5	5
Acetone	57	36	19	50
Benzene	<2.5	<2.5	<2.5	1
Bromobenzene	<2.5	<2.5	<2.5	5
Bromochloromethane	<2.5	<2.5	<2.5	5
Bromodichloromethane	<2.5	<2.5	<2.5	50
Bromoform	<2.5	<2.5	<2.5	50
Bromomethane	<2.5	<2.5	<2.5	5
Carbon tetrachloride	<2.5	<2.5	<2.5	5
Chlorobenzene	<2.5	<2.5	<2.5	5
Chloroethane	2.8	J	<2.5	5
Chloroform	<2.5	<2.5	<2.5	7
Chloromethane	<2.5	<2.5	<2.5	5
cis-1,2-Dichloroethylene	<2.5	<2.5	<2.5	5
cis-1,3-Dichloropropylene	<2.5	<2.5	<2.5	0.4
Dibromochloromethane	<2.5	<2.5	<2.5	50
Dibromomethane	<2.5	<2.5	<2.5	NS
Dichlorodifluoromethane	<2.5	<2.5	<2.5	5
Ethyl Benzene	<2.5	<2.5	<2.5	5
Hexachlorobutadiene	<2.5	<2.5	<2.5	0.5
Isopropylbenzene	7.8	<2.5	<2.5	5
Methyl tert-butyl ether (MTBE)	<2.5	<2.5	<2.5	10
Methylene chloride	<2.5	<2.5	<2.5	5
n-Butylbenzene	<2.5	<2.5	<2.5	5
n-Propylbenzene	5.3	<2.5	<2.5	5
Naphthalene	<2.5	<2.5	<2.5	10
o-Xylene	<2.5	<2.5	<2.5	5
p- & m- Xylenes	<5	<5	<5	5
p-Isopropyltoluene	12	<2.5	<2.5	5
sec-Butylbenzene	17	<2.5	<2.5	5
Styrene	<2.5	<2.5	<2.5	5
tert-Butylbenzene	3.8	J	<2.5	5
Tetrachloroethylene	<2.5	<2.5	<2.5	5
Toluene	<2.5	<2.5	<2.5	5
trans-1,2-Dichloroethylene	<2.5	<2.5	<2.5	5
trans-1,3-Dichloropropylene	<2.5	<2.5	<2.5	0.4
Trichloroethylene	<2.5	<2.5	<2.5	5
Trichlorofluoromethane	<2.5	<2.5	<2.5	5
Vinyl acetate	<2.5	<2.5	<2.5	NS
Vinyl Chloride	<2.5	<2.5	<2.5	2
Xylenes, Total	<7.5	<7.5	<7.5	5
Total VOCs	117.7	36	26.7	

NOTES:

Gray shading indicates exceedance of standard

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

Less than sign indicates analyte not detected at or above the level indicated

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

Table 13
Groundwater Analytical Results - Semi-Volatile Organic Compounds
28-46 Roebing Street, Brooklyn, NY

Sample ID	MW-1	MW-2	MW-3	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/28/2013	8/28/2013	8/28/2013	
Matrix Units	Water ug/L	Water ug/L	Water ug/L	Water ug/L
<i>Semi-Volatiles, 8270 Target List</i>				
1,2,4-Trichlorobenzene	<2.47	<2.47	<2.47	5
1,2-Dichlorobenzene	<2.49	<2.49	<2.49	3
1,3-Dichlorobenzene	<2.61	<2.61	<2.61	3
1,4-Dichlorobenzene	<2.21	<2.21	<2.21	3
2,4,5-Trichlorophenol	<1.91	<1.91	<1.91	1
2,4,6-Trichlorophenol	<1.75	<1.75	<1.75	1
2,4-Dichlorophenol	<1.89	<1.89	<1.89	5
2,4-Dimethylphenol	<1.6	<1.6	<1.6	50
2,4-Dinitrophenol	<2.25	<2.25	<2.25	10
2,4-Dinitrotoluene	<1.61	<1.61	<1.61	5
2,6-Dinitrotoluene	<1.61	<1.61	<1.61	5
2-Chloronaphthalene	<2.2	<2.2	<2.2	10
2-Chlorophenol	<1.79	<1.79	<1.79	1
2-Methylnaphthalene	4.36	J <2.76	<2.76	NS
2-Methylphenol	<1.16	<1.16	<1.16	1
2-Nitroaniline	<1.68	<1.68	<1.68	5
2-Nitrophenol	<2.36	<2.36	<2.36	1
3,3'-Dichlorobenzidine	<1.27	<1.27	<1.27	5
3- & 4-Methylphenols	<1.12	<1.12	<1.12	NS
3-Nitroaniline	<1.68	<1.68	<1.68	5
4,6-Dinitro-2-methylphenol	<1.62	<1.62	<1.62	NS
4-Bromophenyl phenyl ether	<1.33	<1.33	<1.33	NS
4-Chloro-3-methylphenol	<1.89	<1.89	<1.89	1
4-Chloroaniline	<2.98	<2.98	<2.98	5
4-Chlorophenyl phenyl ether	<2.45	<2.45	<2.45	NS
4-Nitroaniline	<2.68	<2.68	<2.68	5
4-Nitrophenol	<1.66	<1.66	<1.66	1
Acenaphthene	<1.77	<1.77	<1.77	20
Acenaphthylene	<1.74	<1.74	<1.74	NS
Aniline	<1.5	<1.5	<1.5	5
Anthracene	<1.19	<1.19	<1.19	50
Benzo(a)anthracene	<1.31	<1.31	<1.31	0.002
Benzo(a)pyrene	<1.3	<1.3	<1.3	0.002
Benzo(b)fluoranthene	<1.41	<1.41	<1.41	0.002
Benzo(g,h,i)perylene	<1.71	<1.71	<1.71	NS
Benzo(k)fluoranthene	<1.83	<1.83	<1.83	0.002
Benzyl alcohol	<1.45	<1.45	<1.45	NS
Benzyl butyl phthalate	<0.852	<0.852	<0.852	50
Bis(2-chloroethoxy)methane	<1.77	<1.77	<1.77	5
Bis(2-chloroethyl)ether	<1.5	<1.5	<1.5	1
Bis(2-chloroisopropyl)ether	<2.99	<2.99	<2.99	5
Bis(2-ethylhexyl)phthalate	<4.78	<4.78	<4.78	5
Chrysene	<1.47	<1.47	<1.47	0.002
Di-n-butyl phthalate	<2.05	<2.05	<2.05	50
Di-n-octyl phthalate	<1.12	<1.12	<1.12	50
Dibenzo(a,h)anthracene	<1.56	<1.56	<1.56	NS
Dibenzofuran	<2.41	<2.41	<2.41	NS
Diethyl phthalate	<2.56	<2.56	<2.56	50
Dimethyl phthalate	<1.91	<1.91	<1.91	50
Fluoranthene	<1.24	<1.24	<1.24	50
Fluorene	<1.83	<1.83	<1.83	50
Hexachlorobenzene	<1.27	<1.27	<1.27	0.04
Hexachlorobutadiene	<2.79	<2.79	<2.79	0.5
Hexachlorocyclopentadiene	<2.53	<2.53	<2.53	5
Hexachloroethane	<3.04	<3.04	<3.04	5
Indeno(1,2,3-cd)pyrene	<1.7	<1.7	<1.7	0.002
Isophorone	<2.68	<2.68	<2.68	50
N-nitroso-di-n-propylamine	<2.56	<2.56	<2.56	NS
N-Nitrosodimethylamine	<0.389	<0.389	<0.389	NS
N-Nitrosodiphenylamine	<5	<5	<5	50
Naphthalene	<1.99	<1.99	<1.99	10
Nitrobenzene	<1.69	<1.69	<1.69	0.4
Pentachlorophenol	<1.45	<1.45	<1.45	1
Phenanthrene	<1.37	<1.37	<1.37	50
Phenol	<1.1	<1.1	<1.1	1
Pyrene	<1.73	<1.73	<1.73	50
Pyridine	<3.91	<3.91	<3.91	50

NOTES:

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

Less than sign indicates analyte not detected at or above the level indicated

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

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

Table 14
Groundwater Analytical Results - Pesticides and PCBs
28-46 Roebling Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	MW-1 8/28/2013 Water ug/L	MW-2 8/28/2013 Water ug/L	MW-3 8/28/2013 Water ug/L	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L
<i>Pesticides/PCBs, EPA 8081/8082 List</i>				
4,4'-DDD	<0.00114	<0.00103	<0.00103	0.3
4,4'-DDE	<0.00114	<0.00103	<0.00103	0.2
4,4'-DDT	<0.00114	<0.00103	<0.00103	0.2
Aldrin	<0.00114	<0.00103	<0.00103	NS
alpha-BHC	<0.00114	<0.00103	<0.00103	NS
Aroclor 1016	<0.0571	<0.0513	<0.0513	0.09
Aroclor 1221	<0.0571	<0.0513	<0.0513	0.09
Aroclor 1232	<0.0571	<0.0513	<0.0513	0.09
Aroclor 1242	<0.0571	<0.0513	<0.0513	0.09
Aroclor 1248	<0.0571	<0.0513	<0.0513	0.09
Aroclor 1254	<0.0571	<0.0513	<0.0513	0.09
Aroclor 1260	<0.0571	<0.0513	<0.0513	0.09
beta-BHC	<0.00114	<0.00103	<0.00103	NS
Chlordane, total	<0.00457	<0.0041	<0.0041	0.05
delta-BHC	<0.00114	<0.00103	<0.00103	NS
Dieldrin	<0.00114	<0.00103	<0.00103	0.004
Endosulfan I	<0.00114	<0.00103	<0.00103	NS
Endosulfan II	<0.00114	<0.00103	<0.00103	NS
Endosulfan sulfate	<0.00114	<0.00103	<0.00103	NS
Endrin	<0.00114	<0.00103	<0.00103	NS
Endrin aldehyde	<0.00114	<0.00103	<0.00103	5
Endrin ketone	<0.00114	<0.00103	<0.00103	5
gamma-BHC (Lindane)	<0.00114	<0.00103	<0.00103	NS
Heptachlor	<0.00114	<0.00103	<0.00103	0.04
Heptachlor epoxide	<0.00114	<0.00103	<0.00103	0.03
Methoxychlor	<0.00571	<0.00513	<0.00513	35
Total PCBs	<0.0571	<0.0513	<0.0513	NS
Toxaphene	<0.0571	<0.0513	<0.0513	NS

NOTES:

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

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

Table 15
Groundwater Analytical Results - Metals
28-46 Roebling Street, Brooklyn, NY

Sample ID Sampling Date Matrix Units	MW-1 8/28/2013 Water ug/L	MW-2 8/28/2013 Water ug/L	MW-3 8/28/2013 Water ug/L	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L
<i>Metals, Target Analyte</i>				
Aluminum	8450	9900	24000	NS
Antimony	<5	<6	<6	3
Arsenic	6	7	20	25
Barium	736	802	959	1000
Beryllium	<1	<1	<1	3
Cadmium	<3	<3	4	5
Calcium	95200	98600	147000	NS
Chromium	137	148	206	50
Cobalt	16	17	29	NS
Copper	76	91	176	200
Iron	26800	32900	79100	NS
Lead	962	671	806	25
Magnesium	28200	34500	35100	35000
Manganese	3000	2100	1760	300
Nickel	35	41	56	100
Potassium	31600	41300	28600	NS
Selenium	<10	<10	12	10
Silver	<5	<5	<5	50
Sodium	325000	341000	311000	20000
Thallium	<5	<5	<5	NS
Vanadium	37	41	98	NS
Zinc	821	937	1150	2000
<i>Metals, Target Analyte, Dissolved</i>				
Aluminum	14	<10	18	NS
Antimony	<5	<5	<5	3
Arsenic	<4	<4	<4	25
Barium	153	230	106	1000
Beryllium	<1	<1	<1	3
Cadmium	<3	<3	<3	5
Calcium	67700	80800	73100	NS
Chromium	<5	<5	<5	50
Cobalt	<5	<5	<5	NS
Copper	15	<3	<3	200
Iron	22	<20	368	NS
Lead	4	<3	<3	25
Magnesium	25400	35800	26500	35000
Manganese	1700	144	222	300
Nickel	8	<5	<5	100
Potassium	32000	45400	22100	NS
Selenium	19	15	14	10
Silver	<5	<5	<5	50
Sodium	331000	315000	297000	20000
Thallium	<5	<5	<5	NS
Vanadium	<10	<10	<10	NS
Zinc	89	53	22	2000
Mercury	0.6	0.7	1	0.7
Mercury, Dissolved	<0.039	<0.039	<0.039	0.7
Chromium, Trivalent	137	148	206	NS
Chromium, Hexavalent	<6	<6	<6	50

NOTES:

Gray shading indicates exceedance of standard

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

Table 16
Blanks Analytical Results
28-46 Roebling Street, Brooklyn, NY

Sample ID	FB-1 (field blank)	Trip blank	NYSDEC TOGS		
Sampling Date	8/28/2013	8/28/2013	Standards and Guidance		
Matrix	Water	Water	Values - GA		
Units	ug/L	ug/L	Water		
			ug/L		
1,1,1,2-Tetrachloroethane	<2.5	<2.5	5		
1,1,1-Trichloroethane	<2.5	<2.5	5		
1,1,2-Tetrachloroethane	<2.5	<2.5	5		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<2.5	<2.5	5		
1,1,2-Trichloroethane	<2.5	<2.5	1		
1,1-Dichloroethane	<2.5	<2.5	5		
1,1-Dichloroethylene	<2.5	<2.5	5		
1,1-Dichloropropylene	<2.5	<2.5	5		
1,2,3-Trichlorobenzene	<2.5	<2.5	5		
1,2,3-Trichloropropane	<2.5	<2.5	0.04		
1,2,4-Trichlorobenzene	<2.5	<2.5	5		
1,2,4-Trimethylbenzene	<2.5	<2.5	5		
1,2-Dibromo-3-chloropropane	<2.5	<2.5	0.04		
1,2-Dibromoethane	<2.5	<2.5	5		
1,2-Dichlorobenzene	<2.5	<2.5	3		
1,2-Dichloroethane	<2.5	<2.5	0.6		
1,2-Dichloropropane	<2.5	<2.5	1		
1,3,5-Trimethylbenzene	<2.5	<2.5	5		
1,3-Dichlorobenzene	<2.5	<2.5	3		
1,3-Dichloropropane	<2.5	<2.5	5		
1,4-Dichlorobenzene	<2.5	<2.5	3		
2,2-Dichloropropane	<2.5	<2.5	5		
2-Butanone	<2.5	<2.5	50		
2-Chlorotoluene	<2.5	<2.5	5		
4-Chlorotoluene	<2.5	<2.5	5		
Acetone	4.7	J	3.6	J	50
Benzene	<2.5	<2.5	1		
Bromobenzene	<2.5	<2.5	5		
Bromochloromethane	<2.5	<2.5	5		
Bromodichloromethane	<2.5	<2.5	50		
Bromoform	<2.5	<2.5	50		
Bromomethane	<2.5	<2.5	5		
Carbon tetrachloride	<2.5	<2.5	5		
Chlorobenzene	<2.5	<2.5	5		
Chloroethane	<2.5	<2.5	5		
Chloroform	<2.5	<2.5	7		
Chloromethane	<2.5	<2.5	5		
cis-1,2-Dichloroethylene	<2.5	<2.5	5		
cis-1,3-Dichloropropylene	<2.5	<2.5	0.4		
Dibromochloromethane	<2.5	<2.5	50		
Dibromomethane	<2.5	<2.5	NS		
Dichlorodifluoromethane	<2.5	<2.5	5		
Ethyl Benzene	<2.5	<2.5	5		
Hexachlorobutadiene	<2.5	<2.5	0.5		
Isopropylbenzene	<2.5	<2.5	5		
Methyl tert-butyl ether (MTBE)	<2.5	<2.5	10		
Methylene chloride	<2.5	<2.5	5		
n-Butylbenzene	<2.5	<2.5	5		
n-Propylbenzene	<2.5	<2.5	5		
Naphthalene	<2.5	<2.5	10		
o-Xylene	<2.5	<2.5	5		
p- & m- Xylenes	<5	<5	5		
p-Isopropyltoluene	<2.5	<2.5	5		
sec-Butylbenzene	<2.5	<2.5	5		
Styrene	<2.5	<2.5	5		
tert-Butylbenzene	<2.5	<2.5	5		
Tetrachloroethylene	<2.5	<2.5	5		
Toluene	<2.5	<2.5	5		
trans-1,2-Dichloroethylene	<2.5	<2.5	5		
trans-1,3-Dichloropropylene	<2.5	<2.5	0.4		
Trichloroethylene	<2.5	<2.5	5		
Trichlorofluoromethane	<2.5	<2.5	5		
Vinyl acetate	<2.5	<2.5	NS		
Vinyl Chloride	<2.5	<2.5	2		
Xylenes, Total	<7.5	<7.5	5		
<i>Semi-Volatiles, 8270 Target List</i>					
1,2,4-Trichlorobenzene	<2.53	NT	5		
1,2-Dichlorobenzene	<2.55	NT	3		
1,3-Dichlorobenzene	<2.68	NT	3		
1,4-Dichlorobenzene	<2.27	NT	3		
2,4,5-Trichlorophenol	<1.96	NT	1		
2,4,6-Trichlorophenol	<1.79	NT	1		
2,4-Dichlorophenol	<1.94	NT	5		
2,4-Dimethylphenol	<1.64	NT	50		
2,4-Dinitrophenol	<2.31	NT	10		
2,4-Dinitrotoluene	<1.65	NT	5		
2,6-Dinitrotoluene	<1.65	NT	5		

2-Chloronaphthalene	<2.26		NT	10
2-Chlorophenol	<1.84		NT	1
2-Methylnaphthalene	<2.83		NT	NS
2-Methylphenol	<1.19		NT	1
2-Nitroaniline	<1.72		NT	5
2-Nitrophenol	<2.42		NT	1
3,3'-Dichlorobenzidine	<1.3		NT	5
3- & 4-Methylphenols	<1.15		NT	NS
3-Nitroaniline	<1.72		NT	5
4,6-Dinitro-2-methylphenol	<1.66		NT	NS
4-Bromophenyl phenyl ether	<1.36		NT	NS
4-Chloro-3-methylphenol	<1.94		NT	1
4-Chloroaniline	<3.06		NT	5
4-Chlorophenyl phenyl ether	<2.51		NT	NS
4-Nitroaniline	<2.75		NT	5
4-Nitrophenol	<1.7		NT	1
Acenaphthene	<1.82		NT	20
Acenaphthylene	<1.78		NT	NS
Aniline	<1.54		NT	5
Anthracene	<1.22		NT	50
Benzo(a)anthracene	<1.34		NT	0.002
Benzo(a)pyrene	<1.33		NT	0.002
Benzo(b)fluoranthene	<1.45		NT	0.002
Benzo(g,h,i)perylene	<1.75		NT	NS
Benzo(k)fluoranthene	<1.88		NT	0.002
Benzyl alcohol	<1.49		NT	NS
Benzyl butyl phthalate	<0.874		NT	50
Bis(2-chloroethoxy)methane	<1.82		NT	5
Bis(2-chloroethyl)ether	<1.54		NT	1
Bis(2-chloroisopropyl)ether	<3.07		NT	5
Bis(2-ethylhexyl)phthalate	<4.9		NT	5
Chrysene	<1.51		NT	0.002
Di-n-butyl phthalate	<2.1		NT	50
Di-n-octyl phthalate	<1.15		NT	50
Dibenzo(a,h)anthracene	<1.6		NT	NS
Dibenzofuran	<2.47		NT	NS
Diethyl phthalate	<2.63		NT	50
Dimethyl phthalate	<1.96		NT	50
Fluoranthene	<1.27		NT	50
Fluorene	<1.88		NT	50
Hexachlorobenzene	<1.3		NT	0.04
Hexachlorobutadiene	<2.86		NT	0.5
Hexachlorocyclopentadiene	<2.59		NT	5
Hexachloroethane	<3.12		NT	5
Indeno(1,2,3-cd)pyrene	<1.74		NT	0.002
Isophorone	<2.75		NT	50
N-nitroso-di-n-propylamine	<2.63		NT	NS
N-Nitrosodimethylamine	<0.399		NT	NS
N-Nitrosodiphenylamine	<5.13		NT	50
Naphthalene	<2.04		NT	10
Nitrobenzene	<1.73		NT	0.4
Pentachlorophenol	<1.49		NT	1
Phenanthrene	<1.41		NT	50
Phenol	<1.13		NT	1
Pyrene	<1.77		NT	50
Pyridine	<4.01		NT	50
<i>Pesticides/PCBs, EPA 8081/8082 List</i>				
4,4'-DDD	<0.00103		NT	0.3
4,4'-DDE	<0.00103		NT	0.2
4,4'-DDT	<0.00103		NT	0.2
Aldrin	<0.00103		NT	NS
alpha-BHC	<0.00103		NT	NS
Aroclor 1016	<0.0513		NT	0.09
Aroclor 1221	<0.0513		NT	0.09
Aroclor 1232	<0.0513		NT	0.09
Aroclor 1242	<0.0513		NT	0.09
Aroclor 1248	<0.0513		NT	0.09
Aroclor 1254	<0.0513		NT	0.09
Aroclor 1260	<0.0513		NT	0.09
beta-BHC	<0.00103		NT	NS
Chlordane, total	<0.0041		NT	0.05
delta-BHC	<0.00103		NT	NS
Dieldrin	<0.00103		NT	0.004
Endosulfan I	<0.00103		NT	NS
Endosulfan II	<0.00103		NT	NS
Endosulfan sulfate	<0.00103		NT	NS
Endrin	<0.00103		NT	NS
Endrin aldehyde	<0.00103		NT	5
Endrin ketone	<0.00103		NT	5
gamma-BHC (Lindane)	<0.00103		NT	NS
Heptachlor	<0.00103		NT	0.04
Heptachlor epoxide	<0.00103		NT	0.03
Methoxychlor	<0.00513		NT	35
Total PCBs	<0.0513		NT	NS
Toxaphene	<0.0513		NT	NS
<i>Metals, Target Analyte</i>				

Aluminum	21		NT		NS
Antimony	<5		NT		3
Arsenic	<4		NT		25
Barium	<10		NT		1000
Beryllium	<1		NT		3
Cadmium	<3		NT		5
Calcium	142		NT		NS
Chromium	<5		NT		50
Cobalt	<5		NT		NS
Copper	<3		NT		200
Iron	<20		NT		NS
Lead	<3		NT		25
Magnesium	<50		NT		35000
Manganese	<5		NT		300
Nickel	<5		NT		100
Potassium	<50		NT		NS
Selenium	<10		NT		10
Silver	<5		NT		50
Sodium	<100		NT		20000
Thallium	<5		NT		NS
Vanadium	<10		NT		NS
Zinc	15		NT		2000
Metals, Target Analyte, Dissolved					
Aluminum	<10		NT		NS
Antimony	<5		NT		3
Arsenic	<4		NT		25
Barium	<10		NT		1000
Beryllium	<1		NT		3
Cadmium	<3		NT		5
Calcium	153		NT		NS
Chromium	<5		NT		50
Cobalt	<5		NT		NS
Copper	<3		NT		200
Iron	<20		NT		NS
Lead	<3		NT		25
Magnesium	<50		NT		35000
Manganese	<5		NT		300
Nickel	<5		NT		100
Potassium	80		NT		NS
Selenium	<10		NT		10
Silver	<5		NT		50
Sodium	321		NT		20000
Thallium	<5		NT		NS
Vanadium	<10		NT		NS
Zinc	17		NT		2000
Mercury	1.1		NT		0.7
Mercury, Dissolved	<0.039		NT		0.7
Chromium, Trivalent	<8		NT		NS
Chromium, Hexavalent	<6		NT		50

Table 17
Soil Vapor Analytical Results - Volatile Organic Compounds
28-46 Roebing Street, Brooklyn, NY

Sample ID	SV-1		SV-2		SV-3		SV-4		IA-1		OA-1		NYSDOH Background Standards - Indoor Air	NYSDOH Background Standards - Outdoor Air
Sampling Date	8/28/2013		8/28/2013		8/28/2013		8/28/2013		8/28/2013		8/28/2013		Air	Air
Matrix Units	Soil Vapor ug/m ³		Indoor Ambient Air ug/m ³		Outdoor Ambient Air ug/m ³		ug/m ³	ug/m ³						
1,1,1-Trichloroethane	<11		190	D	110	D	68	D	<0.55		<0.55		<0.25 - 1.1	<0.25-0.3
1,1,2,2-Tetrachloroethane	<14		<15		<12		<13		<0.70		<0.70		<0.25	<0.25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<15		<17		64	D	<15		0.86		<0.78		NS	NS
1,2-Trichloroethane	<11		<12		<9.4		<10		<0.55		<0.55		<0.25	<0.25
1,1-Dichloroethane	<8.0		97	D	<6.9		<7.7		<0.41		<0.41		<0.25	<0.25
1,1-Dichloroethylene	<7.8		<8.8		<6.8		<7.5		<0.40		<0.40		NS	<0.25
1,2,4-Trichlorobenzene	<15		<17		<13		<14		<0.75		<0.75		<0.25	<0.25
1,2,4-Trimethylbenzene	<9.7		<11		<8.4		<9.3		4.8		1.4		0.69 - 4.3	<0.25-0.8
1,2-Dibromoethane	<15		<17		<13		<15		<0.78		<0.78		<0.25	NS
1,2-Dichlorobenzene	<12		<13		<10		<11		<0.61		<0.61		<0.25	<0.25
1,2-Dichloroethane	<8.0		<9.0		<6.9		<7.7		<0.41		<0.41		<0.25	<0.25
1,2-Dichloropropane	<9.1		<10		<7.9		<8.8		<0.47		<0.47		25 - 75	<0.25
1,2-Dichlorotetrafluoroethane	<14		<16		<12		<13		<0.71		<0.71		<0.25	<0.25
1,3,5-Trimethylbenzene	<9.7		<11		<8.4		<9.3		1.8		<0.50		0.3-1.7	<0.25-0.3
1,3-Butadiene	<8.5		<9.7		<7.4		<8.2		0.44		<0.44		NS	NS
1,3-Dichlorobenzene	<12		<13		<10		<11		0.61		<0.61		<0.25	<0.25
1,4-Dichlorobenzene	<12		<13		<10		<11		0.67		<0.61		<0.25-0.5	<0.25
1,4-Dioxane	<7.1		<8.0		<6.2		<6.8		0.37		<0.37		NS	NS
2-Butanone	22	D	14	D	17	D	<5.6		5.6		4.2		NS	NS
2-Hexanone	<8.1		<9.1		<7.0		<7.8		<0.42		<0.42		NS	NS
4-Methyl-2-pentanone	<8.1		<9.1		<7.0		<7.8		<0.42		0.75		NS	NS
Acetone	170	D	47	D	120	D	40	D	56	E	29		<9.9-52	<3.4-14
Benzene	<6.3		<7.1		<5.5		<6.1		1.5		1.2		<1.1-5.9	<0.6-2.2
Benzyl chloride	<10		<12		<8.9		<9.8		<0.53		<0.53		NS	NS
Bromodichloromethane	<12		<14		<11		<12		<0.63		<0.63		NS	NS
Bromoform	<20		<23		<18		<20		<1.1		<1.1		NS	NS
Bromomethane	<7.7		<8.7		<6.7		<7.4		0.39		<0.39		<0.25	<0.25
Carbon disulfide	14	D	22	D	14	D	<5.9		0.89		<0.32		NS	NS
Carbon tetrachloride	<6.2		<7.0		<5.4		<6.0		0.77		0.64		<0.25-0.6	<0.25-0.6
Chlorobenzene	<9.1		<10		<7.9		<8.7		<0.47		<0.47		<0.25	<0.25
Chloroethane	<5.2		<5.9		<4.5		<5.0		<0.27		<0.27		<0.25	<0.25
Chloroform	18	D	14	D	<8.4		<9.3		0.65		<0.50		<0.25-0.5	<0.25
Chloromethane	<4.1		<4.6		<3.5		<3.9		2.8		1.5		<0.25-1.8	<0.25-1.8
cis-1,2-Dichloroethylene	<7.8		<8.8		<6.8		<7.5		<0.40		<0.40		<0.25	<0.25
cis-1,3-Dichloropropylene	<8.9		<10		<7.8		<8.6		<0.46		<0.46		<0.25	<0.25
Cyclohexane	<6.8		<7.7		<5.9		<6.5		0.84		0.67		<0.25-2.6	<0.25-0.4
Dibromochloromethane	<16		<18		<14		<15		<0.82		<0.82		NS	NS
Dichlorodifluoromethane	<9.7		<11		<8.5		<9.4		3.7		3.3		<0.25-4.1	<0.25-4.2
Ethyl acetate	<7.1		<8.0		<6.2		<6.8		<0.37		5		NS	NS
Ethyl Benzene	<8.6		<9.7		<7.4		<8.2		1.6		1.2		<0.4-2.8	<0.25-0.5
Hexachlorobutadiene	<21		<24		<18		<20		<1.1		<1.1		NS	NS
Isopropanol	<4.8		<5.5		<4.2		<4.7		9.8		11		NS	NS
Methyl Methacrylate	<8.1		<9.1		<7.0		<7.8		<0.42		<0.42		<0.25	NS
Methyl tert-butyl ether (MTBE)	<7.1		<8.0		<6.2		<6.8		<0.37		<0.37		<0.25-0.6	<0.25-0.7
Methylene chloride	<6.8		29	D	20	D	<6.6		2.3		9.3		<0.3-6.6	<0.25-1.9
n-Heptane	<8.1		<9.1		<7.0		<7.8		1.4		1.2		<1.0-7.6	<0.25-1.0
n-Hexane	<6.9		15	D	9.1	D	<6.7		2.2		4.2		<0.6-5.9	<0.25-0.6
o-Xylene	<8.6		<9.7		7.4		<8.2		1.9		1.5		<0.4-3.1	<0.25-0.5
p- & m- Xylenes	<17		<19		<15		<16		5.7		4.5		<0.5-4.6	NS
p-Ethyltoluene	<48		<55		<42		<47		2.5		<2.5		NS	<0.25
Propylene	<3.4		<3.8		<3.0		<3.3		33		8.9		NS	<0.25
Styrene	<8.4		<9.5		<7.3		<8.1		<0.43		<0.43		<0.25-0.6	<0.25-0.3
Tetrachloroethylene	<13		17	D	17	D	<13		1.9		1.3		<0.25-1.1	<0.25
Tetrahydrofuran	<5.8		<6.6		<5.1		<5.6		<0.30		2.2		<0.25-0.4	0.6-2.4
Toluene	10	D	13	D	13	D	10	D	7.8		6.5		<3.5-25	NS
trans-1,2-Dichloroethylene	<7.8		<8.8		<6.8		<7.5		<0.40		<0.40		NS	<0.25
trans-1,3-Dichloropropylene	<8.9		<10		<7.8		<8.6		<0.46		<0.46		<0.25	<0.25
Trichloroethylene	29	D	22	D	25	D	30	D	0.87		<0.27		<0.25	<0.25-2.2
Trichlorofluoromethane (Freon 11)	<11		<13		<9.6		<11		2.4		2.3		<1.1-5.4	NS
Vinyl acetate	<6.9		<7.8		<6.0		<6.7		<0.36		<0.36		NS	<0.25
Vinyl Chloride	<5		<5.7		<4.4		<4.9		<0.26		<0.26		<0.25	NS
Total VOCs	263		480		416.5		148		156.06		101.76		NS	NS

NOTES:
 Gray shading indicates exceedance of standard
 Less than sign indicates analyte not detected at or above level indicated
 D=result is from an analysis that required a dilution
 E=result is estimated and cannot be accurately reported due to levels encountered or interferences
 NS=this indicates that no regulatory limit has been established for this analyte

APPENDIX 1

May 2012 Phase I ESA



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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**28 Roebling Street
Brooklyn, New York**



Prepared For

**Eser Realty LLC
Robert Frenkel
64 Greenpoint Ave
Brooklyn, NY 11222**

May 24, 2012

Job No. 120091

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**28 Roebling Street
Brooklyn, NY 11222**

May 24, 2012

Hydro Tech Environmental, Corp. appreciates the opportunity to work for Eser Realty LLC at the property located at 28 Roebling Street, Brooklyn, New York.

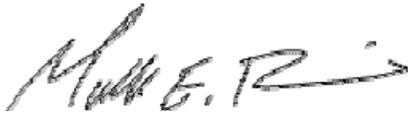
Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, Hydro Tech personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,
Hydro Tech Environmental, Corp.



X _____
Mark Chin
Project Manger



X _____
Mark E. Robbins, C.P.G., C.E.I.
Senior Vice President

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1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental, Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I ESA) at the Subject Properties. The Phase I ESA was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-05. The purpose of the assessment was to characterize the environmental quality of the Subject Properties through the identification of Recognized Environmental Conditions. All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Environmental Site Assessment are contained in this report. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Condition at the Subject Properties:

- Presence of peeling paint from walls suggestive of lead-based paint (§4.0).
- Presence of visible mold growth (§4.0).
- Historical site of a paint factory operations as a paint factory (§6.0).
- Presence of little “E” restriction issued by the New York City Department of Buildings for “HAZMAT” (§5.0).

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Environmental Site Assessment.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Hydro Tech Environmental, Corp. (Hydro Tech, the “**Preparer**”) has been retained by Eser Realty LLC (the “**User**”) to perform a Phase I Environmental Site Assessment at the property located at 28 Roebling in the Borough of Brooklyn, NY. The User is the “**Buyer**” of the property. The properties will hereafter be cumulatively referred to as the “**Subject Property**” or “**Site**”.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Properties through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, “the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property” (ASTM E 1527-05, §1.1.1). Similarly, the goal of an AAI-compliant Phase I Assessment is to identify “conditions indicative of releases or threatened releases of hazardous substances...” (40 CFR Part 312).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations (“AULs”) by Hydro Tech is beyond the scope of this practice (ASTM E1527-05) and investigation.

2.2 Scope of Work

The general activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases.
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

The Phase I ESA was performed in accordance with both ASTM E 1527 and the AAI Rule except where noted in Section 2.3 and Hydro Tech’s Proposal. As required by ASTM & AAI, the user has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in Section 2.3 or elsewhere in the report.

2.3 Limitations, Deviations and Exceptions

In addition to those items outlined by ASTM E 1527 and the AAI rule, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.

Business Environmental Risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Properties for general Site characterization or waste disposal purposes. This Phase I Assessment is not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Hydro Tech relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Hydro Tech cannot attest to the accuracy of this information but where possible had attempted to verify the information.

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report. This Phase I is not intended to address soil vapor intrusion conditions.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquiries) of November 1, 2005 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in exceedances(s) of the ASTM E1527-05 standard, persons attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E1527-05) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Hydro Tech before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Vicinity

The Subject Property is located on Roebling Street, between North 10th Street to the north and North 9th Street to the south, in the borough of Brooklyn. The Borough of Brooklyn is situated in the eastern portion of the City of New York. The vicinity of the Subject Property consists of residential and commercial properties. The ground covering in the vicinity of the Subject Property consists of asphalt and concrete.

3.2 Subject Property Description

The Subject Property consists of a 4-story commercial building with a basement. The building is located on the southern portion of the property; the remaining portions of the property consist of concrete paving.

The entire building is occupied by Atlas Feathers. The 4-story building is used as storage and redistribution for feathers by Atlas Feathers. No heating system was observed at the property.

The main access property is via Roebling Street to the south. The property is connected to the municipal sewer, electric, natural gas and water services. These services enter the property from Roebling Street to the south of the Site.

The topography of the Subject Properties is generally level. **Figure 1** provides a Site Plan.

3.3 Adjacent Land Use

The Subject Property is located in a commercial and residential area. The following properties were identified immediately adjacent to the Subject Property:

Direction	Adjacent Parcel	Surrounding Parcels
North	6-story residential building	Residential/Commercial
South	Vacant lot undergoing construction activities	
East	6-story residential building	
West	3-story residential building	

Hydro Tech does not believe that the present uses of the adjacent properties identified above should impact upon the environmental quality of the Subject Property.

3.4 Proximity to Environmentally Sensitive Areas

The results of the Site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the property indicates no environmentally sensitive receptors are located within ¼ mile of the Subject Property.

3.5 Environmental Setting

The Site is located in the northwestern portion of the Borough of Brooklyn, New York. The elevation of the Subject Properties is approximately 15 feet above mean sea level (USGS 7 ½-Minute Brooklyn, New York Quadrangle, 1969, Photorevised 1995).

Brooklyn, New York is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The thickness of these deposits ranges from approximately 100 feet on the Island's north shore to approximately 2,000 feet in some portions of the south shore. These deposits contain ground water that is the sole source of drinking water for the Island's over 3.1 million residents.

The major landforms of Long Island of importance to the hydrologic system are the moraines and outwash plains, which originated from glacial activity. The moraines represent the farthest extent of the glacial advances. The moraines consist of till, which is a poorly sorted mixture of sand, silt, clay, gravel and boulders. The till is poor to moderately permeable in most areas. Outwash plains are located to the south of the moraines. The outwash plains were formed by the action of glacial melt water streams, which eroded the headland material of the moraines and laid down deposits of well-sorted sands, silts and gravels. These outwash deposits have a moderate to high permeability.

The **Upper Glacial Aquifer** is the uppermost hydrogeologic unit. This aquifer encompasses the moraine and outwash deposits, in addition to some localized lacustrine, marine, and reworked materials. A relatively high horizontal hydraulic conductivity and a low vertical hydraulic conductivity characterize the outwash plain portion of this unit. Since the water table is situated in the Upper Glacial Aquifer.

The **Magothy Formation** directly underlies the Upper Glacial Aquifer in the vicinity of the site. This formation is a Cretaceous coastal-shelf deposit, which consists principally of layers of sand and gravel with some interbedded clay. This formation ranges from moderate to highly permeable. A clay layer in some parts of Long Island confines the uppermost portion of the aquifer. The Magothy is Long Island's principal aquifer for public water supply. The United States Environmental Protection Agency (USEPA) has classified the Long Island aquifer system as a sole source aquifer.

The **Raritan Formation** is the deepest unit and rests directly above the bedrock units. This formation is comprised of a sand member (**Lloyd Aquifer**) and a clay member (**Raritan Clay**). The Lloyd sand extends southward from Flushing Bay to the Atlantic Ocean. The thickness of the sand member increases to the southeast and ranges in depth from 200 to 800 feet below sea level (from northwest to southeast). The clay member acts as an aquitard confining the lower Lloyd aquifer between the clay and the underlying bedrock.

Long Island has a humid, temperate climate that is strongly influenced by the Long Island Sound and the Atlantic Ocean. These bodies of water temper extremes of heat in summer and cold in winters. Climate affects the formation of soil through its influence on chemical, biological and physical processes. The amount and content of rainwater, as it percolates through the soil, chemically alters the composition of the soils. Chemical and biological processes are also affected by temperature changes. The physical weathering of the soil and rocks is affected by freezing.

The soils of Long Island are relatively young, having developed since the last recession of glaciation approximately 25,000 years ago. Over thousands of years, the minerals in the bedrock debris slowly decayed and disintegrated, providing the necessary substrate to support biological activity. Rock-forming minerals such as feldspars and micas, that are rich in potassium and aluminum, release their important elements as they are converted to clays. Soils formed in glacial drift are commonly known as loam, a mixture of sand, silt and clay.

The soils of Long Island formed three distinct soil horizons or zones on glacial deposits. The lowest horizon, designated as the C-horizon, is similar in composition to the transported glacial rock debris. The B-horizon is above the C-horizon and consists of sediments that have been considerably altered from their C-horizon source. Vadose zone water percolates through the B-horizon, carrying compounds of clay, iron, aluminum oxides, carbonates and humic acid. These materials are re-deposited within the lower portions of the B-horizon, and form the zone of accumulation. The zone of accumulation may also be the zone of ground water saturation.

The zone of leaching is found in the A-horizon, which is the upper, organic-rich and life sustaining layer with abundant roots and organic matter at the surface. The A-horizon is distinct from the underlying B & C-horizons because it is darker and more friable.

Differentiation in soil horizons are the result of various soils-forming processes such as the physical breakdown of particles, the leaching of salts, the accumulation of organic matter and the chemical weathering of primary minerals. The chemical weathering of primary minerals occurs through processes such as chelation, the formation of silicate clay minerals, the translocation of silicate clay minerals by percolating water from one horizon to another and the accumulation of iron.

The depth to groundwater in the vicinity of the Sites is in excess of 20 feet. The groundwater flow direction beneath the Site is toward the west/southwest, in the direction of the East River.

4.0 SITE RECONNAISSANCE

Mr. Mark Chin of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on May 23, 2012. The weather during the inspection was overcast/rain and approximately 70 degrees Fahrenheit. **Appendix A** provides photographs of the site reconnaissance.

Hydro Tech inspected all accessible portions of the Subject Property. The following pertinent information was obtained during the site reconnaissance:

1. Industrial Processes:

No industrial processes were observed at the Subject Properties. No evidence of historical industrial processes was observed at the Subject Property.

2. Suspect Asbestos-Containing Materials:

No visual evidence of suspect asbestos-containing material was observed at the Subject Property.

3. Suspect Lead-Based Paint:

Evidence of peeling paint was identified on the interior of the eastern stair case of the Subject Property. Based on the date of the building, the likelihood exists for the presence of lead-based paint, which represents a REC.

4. Drum Storage:

No current or former drum storage areas were observed at the Subject Property.

5. Storage Tanks:

No evidence of ASTs or USTs was observed at the Subject Property.

6. Boilers and Water Heaters

No evidence of boilers and water heaters were observed at the Subject Property.

7. Drains:

No evidence of floor drains was observed at the Subject Property. No evidence of former floor drains was observed at the Subject Property.

8. PCB-Containing Equipment:

No leaking electric transformers containing PCBs were observed at the Subject Property. Other than light ballasts, no evidence of PCBs or PCB-containing equipment was observed at the Subject Property.

9. Monitoring / Potable Water Wells:

No monitoring wells or potable water wells were observed at the Subject Property. No monitoring wells were observed on adjacent properties.

10. Mold

Visible evidence of mold growth was observed on the ceiling beams of the 3rd and 4th floor east wing of the building which represents a REC. The mold area covers more than 5 square feet in area and there seems to be a lot of water damage. The presence of the mold represents a REC.

11. Pits, Ponds, or Lagoons:

No evidence of ponds, lagoons or ponds was observed at the Subject Property.

12. Distressed Vegetation:

No distressed vegetation was observed at the Subject Property.

13. Fill / Land Disposal:

No areas of fill or evidence of land disposal of material(s) were observed at the Subject Property.

14. Engineering Controls:

No engineering controls were noted at the Subject Property.

15. Odors:

No odors indicative of a petroleum, chemical or hazardous substance spill or release were identified at the Subject Property.

16. Hazardous Substance / Petroleum Containers:

No evidence of suspect hazardous substance or other petroleum containers were identified at the Subject Property.

5.0 REGULATORY AGENCY DOCUMENTS

Freedom of Information Act (FOIA) requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report. **Appendix B** provides copies of the regulatory agency documents.

- New York City Department of City Planning
- New York City Department of Building
- New York City Department of Housing Preservation and Development
- New York City Department of Health
- New York City Bureau of Fire Department
- New York State Department of Environmental Conservation
- New York City Department of Environmental Protection

New York City Department of City Planning

A FOIA request was submitted to the New York City Zoning Department. The addresses of the Subject Properties are identified 28 Roebing Street, Brooklyn, New York.

The New York City Zoning Department indicated that the Subject Properties are zoned "M1-2/R6A". The Little "E" Restrictions are listed as "Hazmat".

The New York City Zoning Department indicated that the Subject Property is zoned "C6-4". The Little "E" Restriction is listed as "HAZMAT/NOISE". The Little "E" Restriction is associated with an (E) Designation (**E-128**) as a part of the Greenpoint Williamsburg Rezoning. This (E) designation was assigned to the Subject Property and its vicinity by the New York City Department of Planning on May 11th, 2005 and is listed under City Environmental Quality Review (CEQR) number # **03DME016K**. The Little "E" restriction of the Site should be considered a REC since the current redevelopment of the property should be coordinated with the New York City Mayor's office of Environmental Remediation (OER) in accordance to the CEQR regulations.

The Department of Finance Occupancy Code is listed as "Mixed Use". This use is consistent with the historical and current use of the Subject Properties.

New York City Department of Building

A FOIA request was submitted to the New York City Department of Building (NYCDOB). The Tax Map number for the Subject Property is Block 2306, Lot 18. There is 1 complaint (none open), 22 violations (1 open) 1 job and a total of 21 actions listed for the Subject Property. The open violation relates to construction and zoning.

New York City Department of Housing Preservation and Development

A FOIA request was submitted to the New York City Department of Housing Preservation and Development (NYCHPD). The NYCHPD was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCHPD has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCHPD will be provided as soon as it has been received and evaluated.

New York City Department of Health

A FOIA request was submitted to the New York City Department of Health (NYCDOH). The NYCDOH was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCDOH has no records relating the Subject Property.

New York City Bureau of Fire Prevention

A FOIA request was submitted to the New York City Bureau of Fire Prevention (NYCBFP). The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCBFP has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCBFP will be provided as soon as it has been received and evaluated.

New York State Department of Environmental Conservation

A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC). As of the date of this report, the NYSDEC has not responded to our initial search request. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

New York City Department of Environmental Protection

A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP). In their search, the NYCDEP has not discover anything pertaining to Pollution Control and Monitoring.

6.0 SITE HISTORY

6.1 Sanborn Maps

Sanborn Fire Rate Insurance Maps for the Subject Property and its vicinity dated 1887, 1905, 1916, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, 2007 were obtained from EDR and evaluated in order to establish the history of the Site. **Appendix C** provides a copy of the Sanborn Fire Rate Insurance Maps.

Date	Subject Property Shown As	Surrounding area
1887-1965	Longman & Martinez Paint Factory	Residential
1978-2007	Marbelite Co. Inc.	Residential and commercial buildings

6.2 City Directory Search

In order to further assess the property's history, available City Directory files were obtained from EDR for review. The City Directories document known occupants of specific properties and sorted by individual addresses. **Appendix D** provides a copy of the City Directory Search.

The following provides a listing of all documented usages of the Subject Property:

Date	Use of Subject Property	Surrounding Property Use
1976	Atlas Safety Equipment Co Inc.	Residential/Commercial
1980	Atlas Safety Equipment Co Inc.	

6.3 Previous Studies

According to the site contacts no prior environmental studies were previously performed at the Subject Property.

6.4 Historical Use Summary

Based on a review of available information provided and/or obtained for the Subject Property as of the date of this ESA, it appears that it was developed prior to 1887 with manufacturing buildings. The property was then utilized as a paint factory and contained a 4-story building from between 1887-1965. In 1916, a freight elevator was installed in the building.

Based upon the prior development of the properties, the use of the property as a paint factory is confirmed as a REC.

The historical uses of surrounding properties included residential and commercial buildings, which do not appear to represent any conditions affecting the environmental integrity of the Subject Properties.

Numerous data gaps (maximum 26 years) were noted in the historical map review. Due to other historical information obtained over the course of this investigation, Hydro Tech does not consider this data failure/data gap significant, as it appears unlikely to have affected potential Recognized Environmental Conditions at the Subject Site.

7.0 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal, State, Local and Tribal hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. The search areas for each database were specified by both ASTM E 1527 and the AAI rule. In addition, all orphan sites (those without adequate information for mapping purposes) listed in the database search were also reviewed, evaluated and incorporated (as needed). **Appendix E** provides a copy of the Database Search Results. The following databases, with the appropriate search radius, were reviewed:

ASTM Standard Environmental Record Source	Approx. ASTM Minimum Search Distance (MSD)	Number of Mapped Sites within MSD	Number of Orphan Sites
1. NPL (Superfund) <i>National Priorities List</i>	1.0 Mile	0	0
2. Delisted NPL Site <i>Delisted National Priorities List Site</i>	0.5 Mile	0	0
3. CERCLIS <i>Comprehensive Environmental Response Compensation & Liability Information System</i>	0.5 Mile	0	0
4. CERCLIS NFRAP <i>CERCLIS No Further Remedial Action Planned Site</i>	0.5 Mile	2	2
5. RCRA-TSD CORRACTS <i>Resource Conservation & Recovery Treatment/Storage/Disposal Facility Subject to Corrective Action</i>	1.0 Mile	0	0
6. RCRA-TSD <i>Resource Conservation & Recovery Treatment/Storage/Disposal Facility (Non-Corrective Action)</i>	0.5 Mile	0	0
7. RCRA-LG <i>Resource Conservation & Recovery Large Quantity Generator</i>	Site & Adjoining	0	0
8. RCRA-SG <i>Resource Conservation & Recovery Small Quantity Generator</i>	Site & Adjoining	0	0
9. ERNS <i>Emergency Response Notification System</i>	Property Only	0	0
10. Local / State / Tribal UST, PBS <i>Registered Storage Tanks</i>	Site & Adjoining	1	0
11. Local / State / Tribal LTANKS <i>Leaking Underground Storage Tanks</i>	0.5 Mile	56	0
12. State Spill Incidents <i>NYSDEC Spill Sites</i>	0.125 Mile	20	7
13. Local / State / Tribal SWF <i>Solid Waste Facility / Landfill</i>	0.5 Mile	2	0
14. Local / State / Tribal CERCLIS <i>Inactive Hazardous Waste Disposal Site</i>	0.5 Mile	0	0
16. Inst. / Engineering Controls <i>Registry of Institutional and/or Engineering Controls</i>	Property Only	0	0
17. Voluntary Cleanup Program Sites <i>Local / State / Tribal VCP Sites</i>	0.5 Mile	0	0
18. Brownfield Sites <i>Local / State / Tribal Brownfield Sites</i>	0.5 Mile	0	0
19. Non-ASTM Record Source(s)	Not Applicable	No MSD has been established by ASTM for these sources	

Two sites are listed on the CERCLIS NFRAP. Due to the scope of the work and the No Further Action are required for the sites, Hydro Tech does not believe it should impact the environmental quality of the Subject Property.

Fifty six sites are listed in the LTANKs database within a ½ mile radius of the Subject Property. All of the sites have been cleaned up to the satisfaction of the NYSDEC and are considered closed. Based upon this information, none of the LTANK sites should impact upon the environmental quality of the Subject Property.

Twenty properties are listed in the NY Spills database within a ⅛ mile radius of the Subject Properties. All of the sites have been cleaned up to the satisfaction of the NYSDEC and are considered closed. The presence of closed spill cases should not be considered a REC.

Two sites are listed in the Solid Waste Facilities database within 0.5 miles radius of the Subject Properties. No violations were found on these two sites and should not impact upon the environmental quality of the Subject Property.

None of the remaining properties identified in the databases should impact upon the environmental quality of the Subject Property.

8.0 INTERVIEWS & CLIENT / USER-PROVIDED INFORMATION

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the Site and a Client/User Questionnaire was provided.

1. The client/user responded to Hydro Tech's request for information regarding Environmental Liens or Activity and Use Limitations against the property that may have been filed or recorded under federal, tribal, state, or local law. No such records were reported.
2. The client/user reported no specialized or actual knowledge or experience related to potential Recognized Environmental Conditions at the Subject Property or nearby properties.
3. The client/user did not respond to Hydro Tech's request for information regarding the relationship of the purchase price of the property to fair market value, specifically if it has been adjusted due to the known or potential presence of on-site contamination.
4. The client/user reported no commonly known information or information within the local community regarding past use(s) of the property (including the storage and/or release of chemicals, hazardous substances, petroleum products, etc.) that could have affected the environmental integrity of the subject site.
5. The client/user reported no environmental contamination or cleanups have occurred at the property.
6. Hydro Tech Environmental provided the Questionnaire for the client/user to complete. The client did not provide the completed questionnaire to Hydro tech Environmental for review.

8.1 Past and Present Site Associates

The following historical and current owners, Mr.Frenkel provided information during the performance of the Phase I Assessment:

- The Subject Property is currently owned by Eser Realty LLC
- The Subject Property has been used as a residential and commercial building.

The interview did not reveal the presence of any additional potential Recognized Environmental Conditions in connection with the Subject Site, and did not provide any other information with respect to the environmental integrity of the subject property that was not obtained from other sources over the course of this investigation.

9.0 CONCLUSIONS

Hydro Tech has performed a Phase I Environmental Site Assessment at the Subject Property, and has identified the following Recognized Environmental Conditions (RECs):

- Presence of peeling paint from walls suggestive of lead-based paint (§4.0).
- Presence of visible mold growth (§4.0).
- Historical site of a paint factory operations as a paint factory (§6.0).
- Presence of little “E” restriction issued by the New York City Department of Buildings for “HAZMAT” (§5.0).

10.0 RECOMMENDATIONS

Based on the findings and conclusions of this Phase I Environmental Site Assessment, the following recommendations are provided:

- Prior to any invasive alteration at the property, this report along with proposed alteration plans should be provided to the Mayor's Office of Environmental Remediation (OER) in order to address the "E" designation for Hazardous materials.
- A Phase II Site Investigation should be conducted to assess the potential impact from historical operations.
- Prior to any Site demolition or construction, lead paint and mold surveys should be conducted.

11.0 CREDENTIALS & DECLARATION

11.1 Credentials

In accordance with ASTM E 1527, the credentials of those personnel directly involved with the production of this Phase I are provided with this report. **Appendix F** provides a copy of the personnel credentials.

11.2 Environmental Professional Declaration

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

12.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.
2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.
3. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.
4. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.
5. *EDR Environmental Data Resources, 28 Roebling Street, New York, NY, May 10, 2012*. The EDR – Sanborn Fire Insurance Maps, Milford, Connecticut.
6. *EDR Environmental Data Resources, 28 Roebling Street, New York, NY, May 10, 2012*. The EDR – City Directory Abstract, Milford, Connecticut.
7. *EDR Environmental Data Resources, 28 Roebling Street, New York, NY, May 10, 2012*The EDR – Radius Map, Milford, Connecticut.

13.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Hydro Tech Environmental, Corp.** may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **Hydro Tech Environmental, Corp.** at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Hydro Tech Environmental, Corp.** did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Hydro Tech Environmental, Corp. did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Hydro Tech Environmental, Corp.** has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

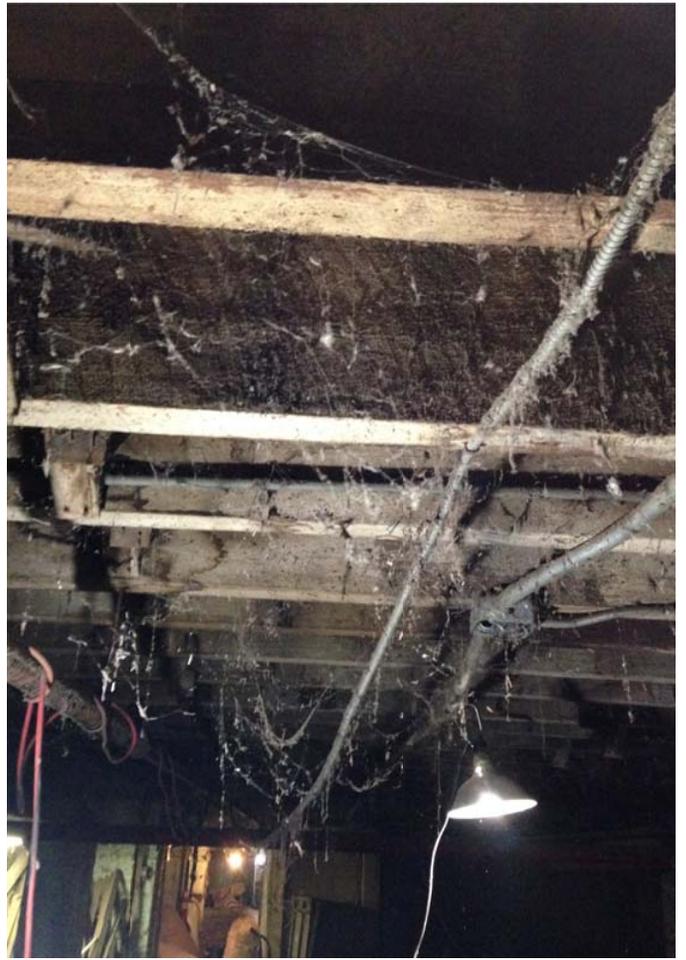
This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold Hydro Tech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

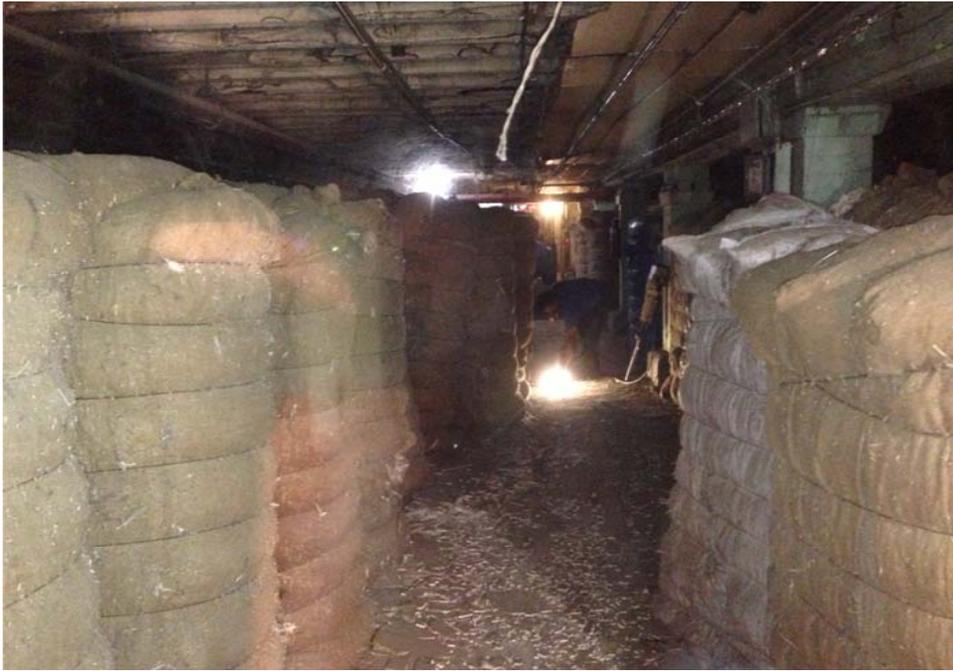
APPENDIX 2

Photographs of Fieldwork











APPENDIX 3

GPR Report



Hydro Tech Environmental, Corp.

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September 8th, 2013

Mr. Robert Frenkel
Eser Realty
64 Greenpoint Avenue
Brooklyn, NY 11222

**Re: GPR Survey - 28-46 Roebling Street, Brooklyn NY
Hydro Tech Job No. 130222**

Dear Mr. Frenkel:

Hydro Tech Environmental, Corp. has performed a Ground Penetrating Radar (GPR) survey at the above referenced Site. The GPR survey was conducted to investigate all accessible areas of the property which included all accessible areas of the site to identify any anomalies representing the presence of an underground storage tank (UST).

SITE DETAILS

The Subject Property consists of a 4-story commercial building with a basement. The building is located in the southern portion of the property; the remaining portions of the property consist of concrete paving.

DESCRIPTION OF FIELDWORK

The GPR survey was performed on August 26th, 2013 utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. Prior to the commencement of the survey a visual inspection of the property was performed to identify specific areas where USTs could be present.

The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. Based upon the typical size of a UST, the GPR was set to run at 50 scans per foot. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is then graphically displayed on the Control Unit, which are then interpreted by the GPR operator the time of the survey. Additional interpretations are then conducted in the office utilizing specialized computer software.

Mr. Frenkel
September 8th, 2013
Page 2

GPR RESULTS

No anomalies indicative of USTs were found during the survey. *Appendix A* shows the GPR scans from the GPR Software.

I hope that this information has proven valuable to this phase of your assessment. Should you have any questions, please feel free to contact our office at your convenience.

Very Truly Yours,
Hydro Tech Environmental, Corp.

Carlos Quinonez
Operations Manager

Encs.

cc: Hydro Tech File 130222

EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

Observations were made of the subject property and/or of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. **Hydro Tech Environmental, Corp.** does not accept responsibility for survey limitations due to inherent technological limitations or site specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey, and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

APPENDIX A

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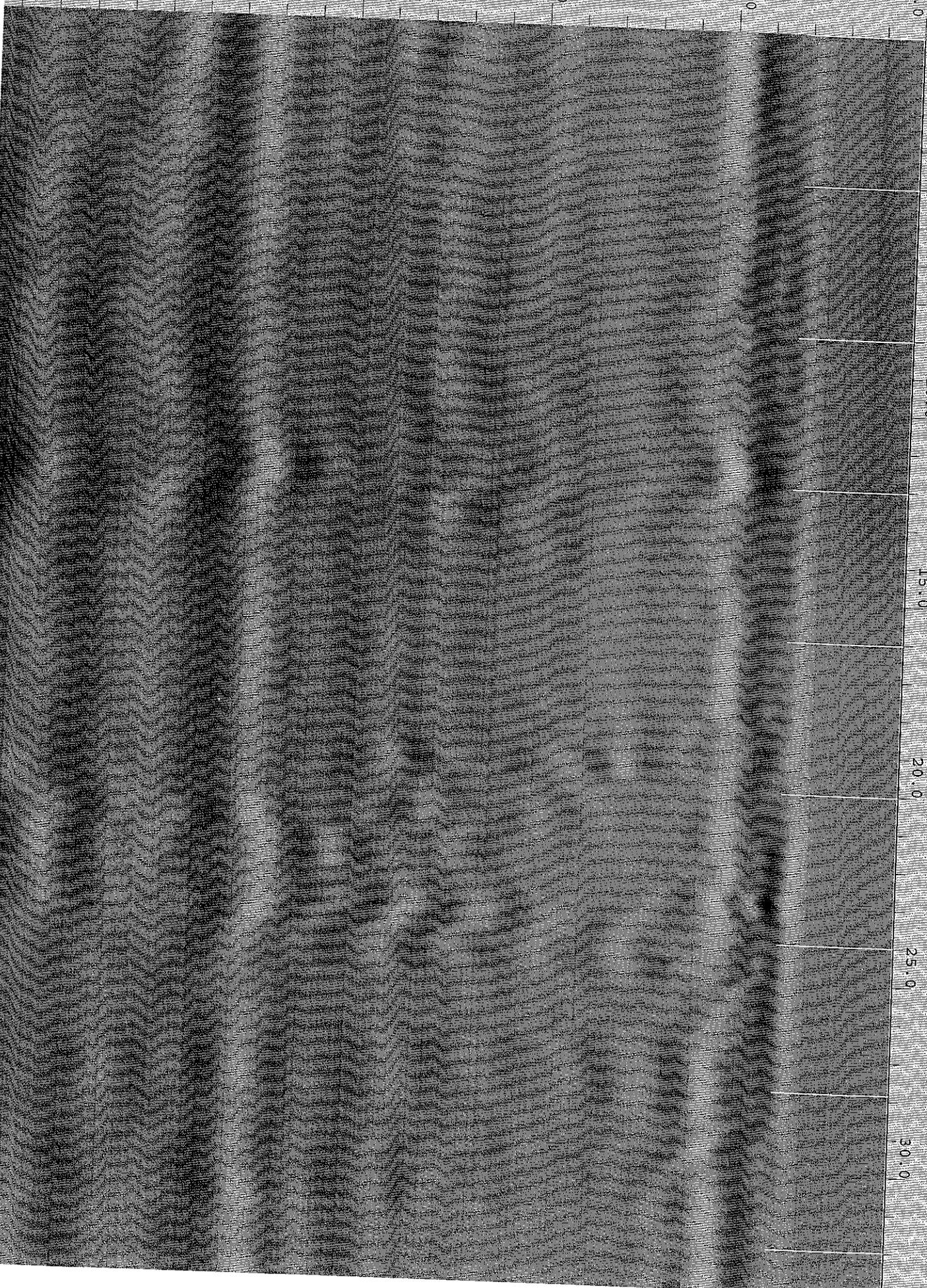
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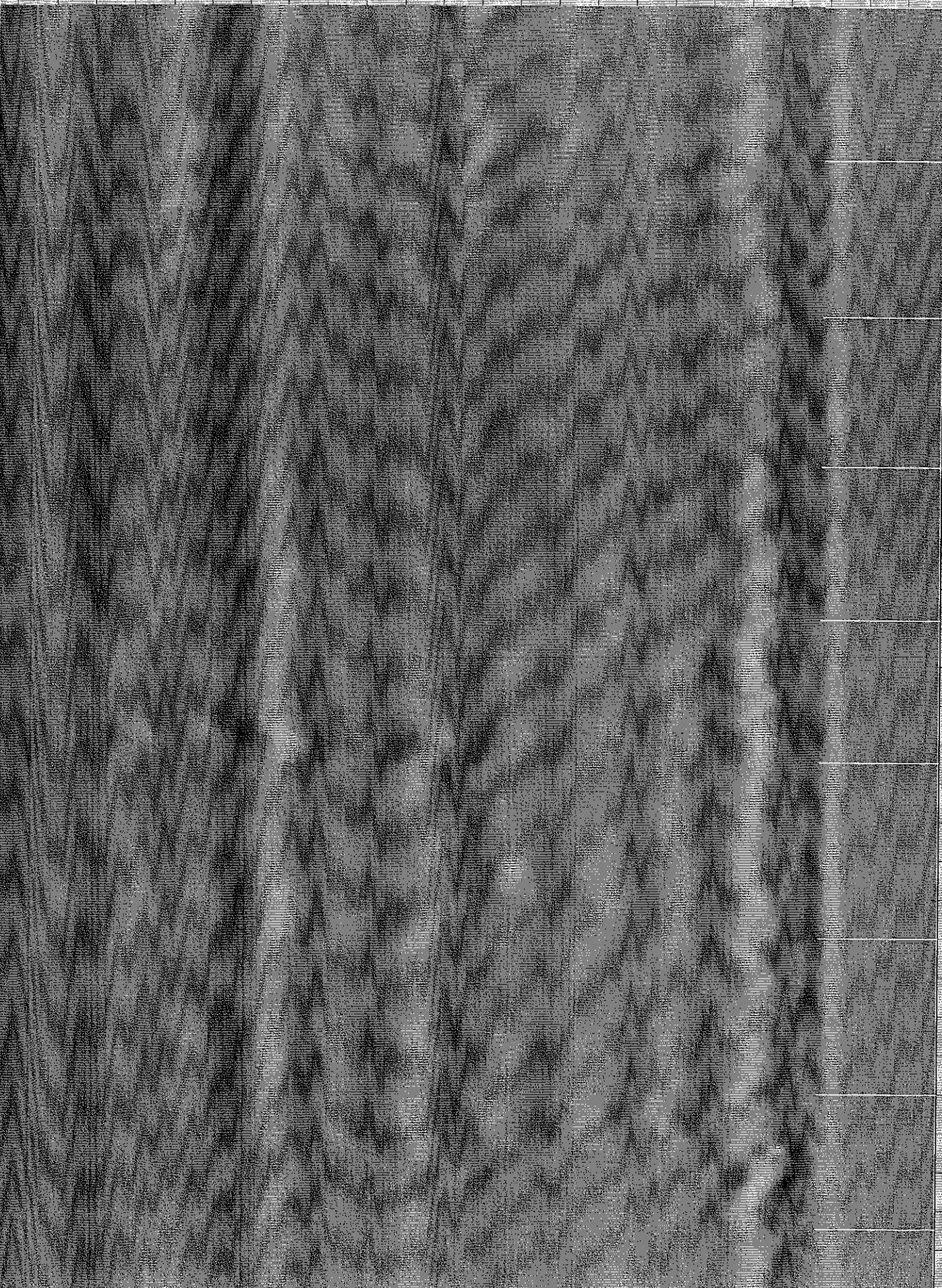
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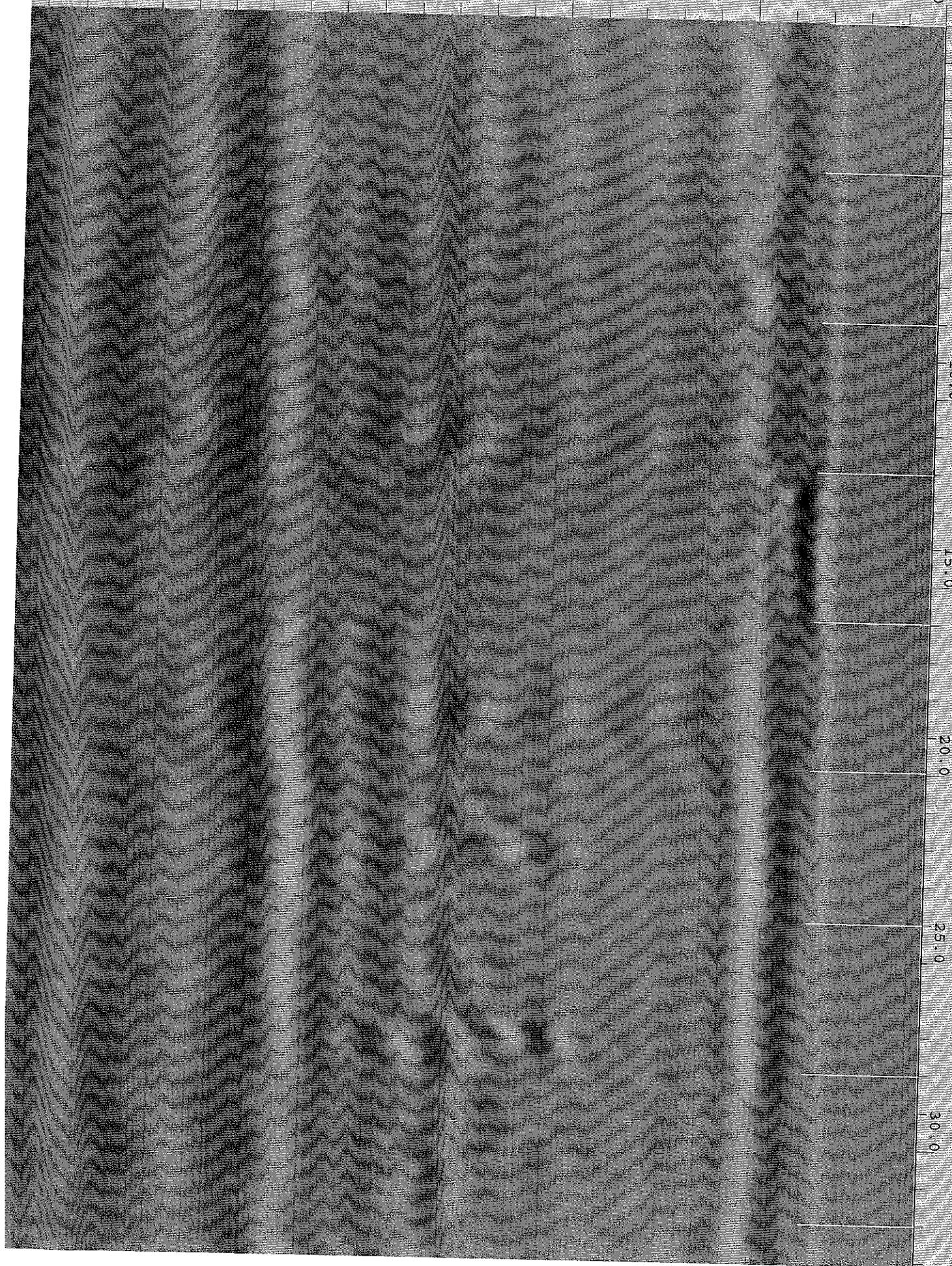
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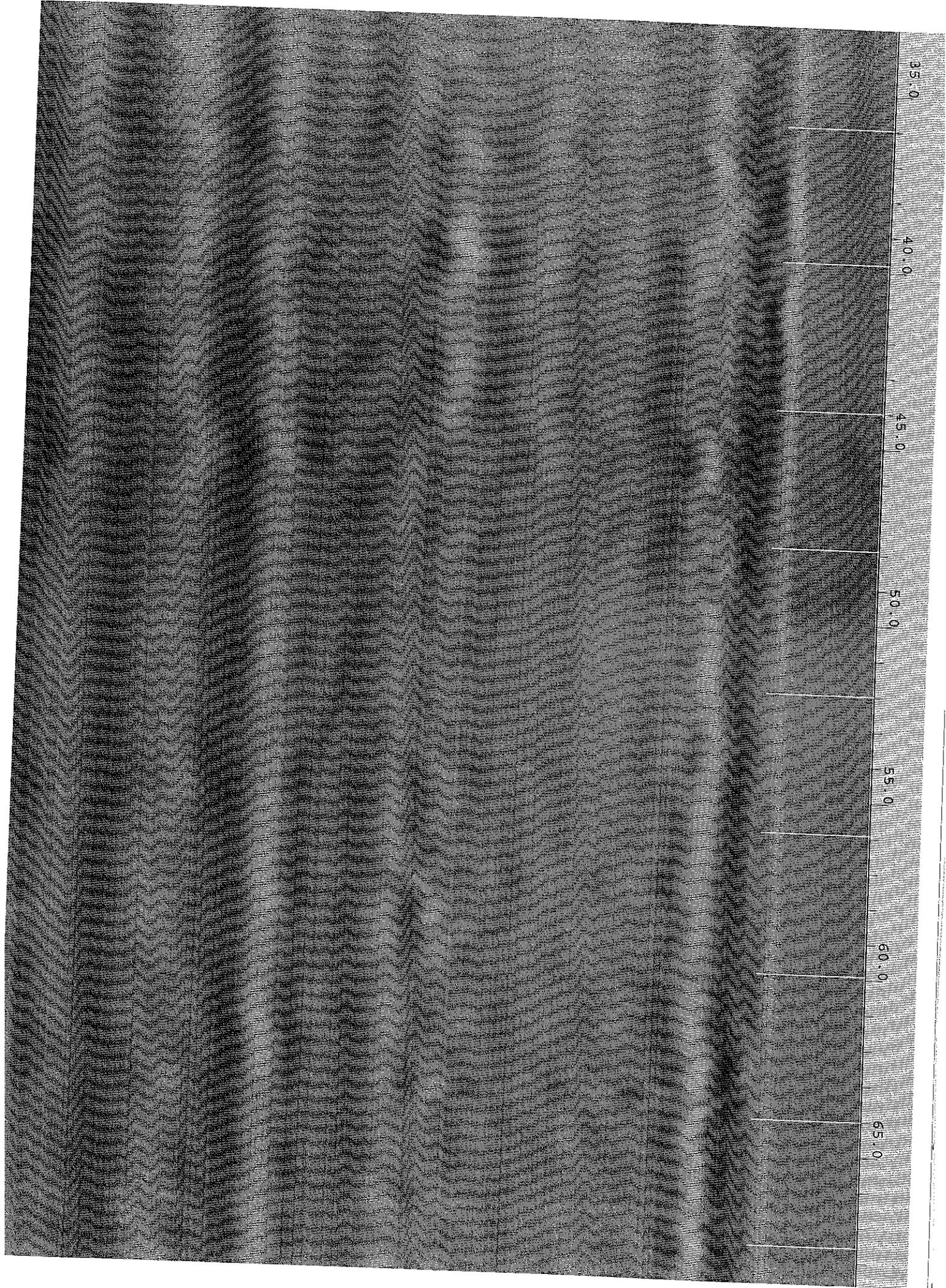
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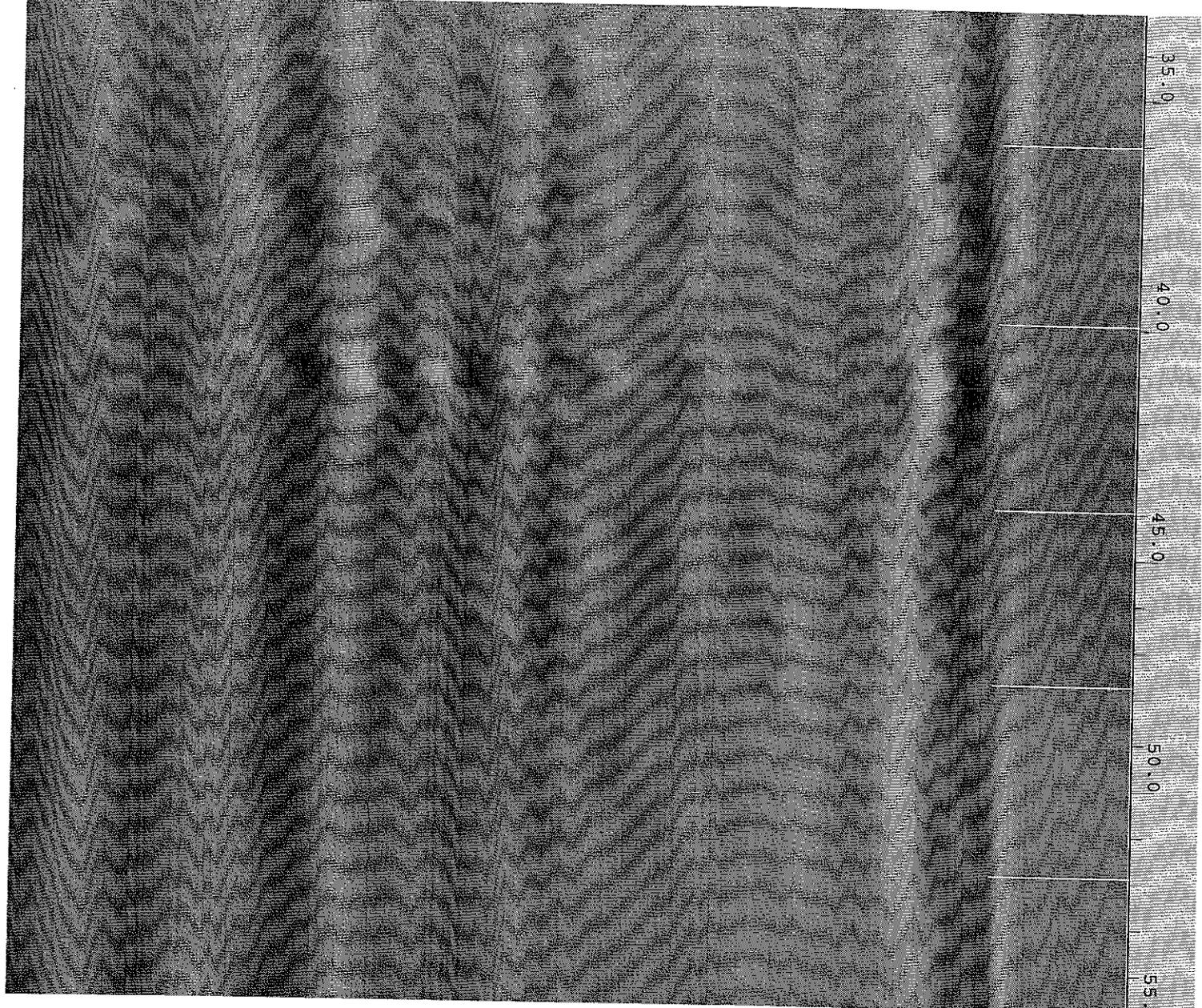
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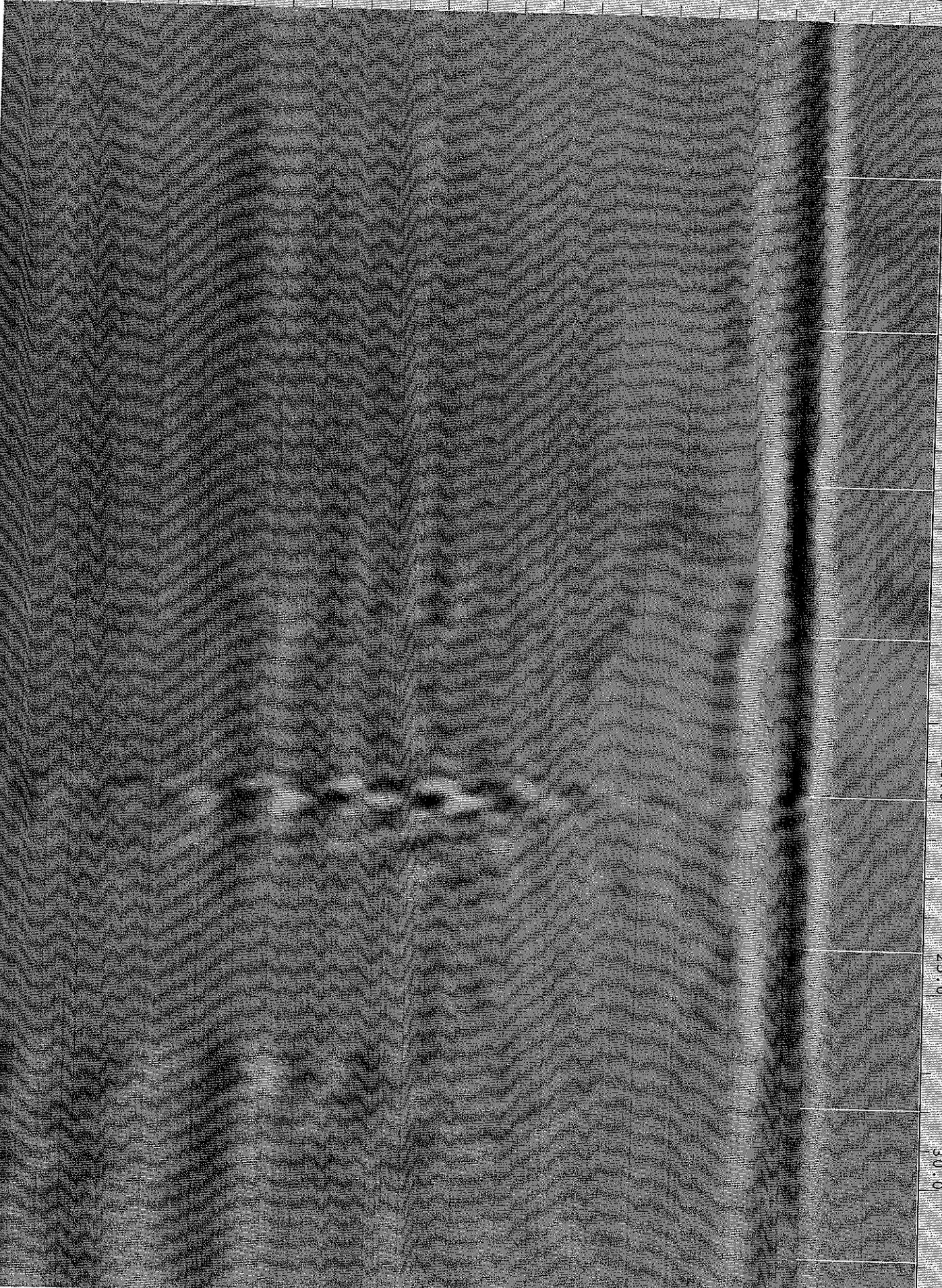
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APPENDIX 4

Soil Boring Logs



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Soil Probe Log

Job No: 130222	Date: 8/26/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-1	Driller: Oscar & Javier	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 6 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
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0	201	SP	Concrete, brown silty sand with pebbles
-2	325	SP	Moist brown silty sand with petroleum odor
-4	512	SP	Saturated black sand with petroleum odor
-6			



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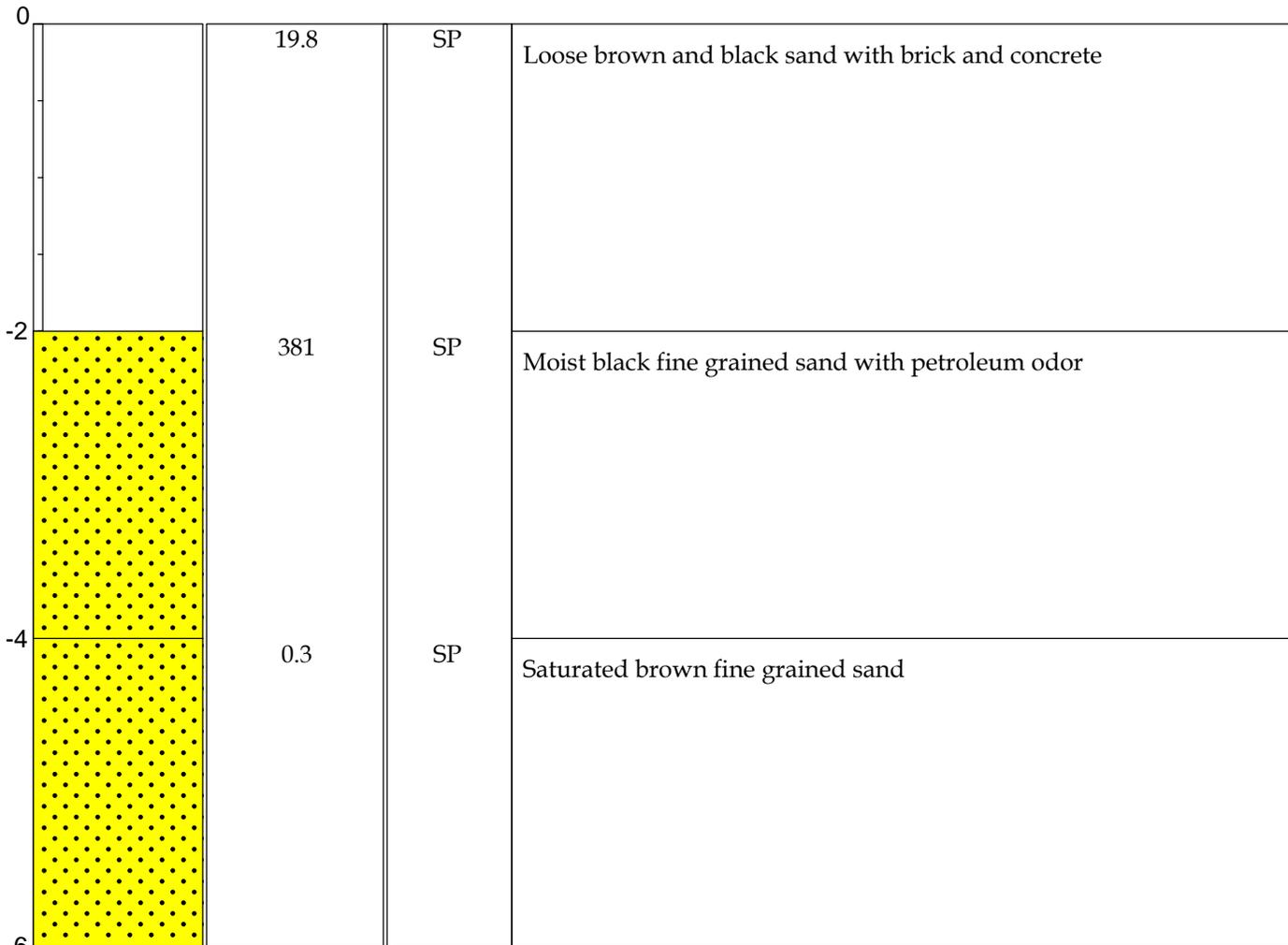
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Job No: 130222	Date: 8/26/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-2	Driller: Oscar & Javier	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 6 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
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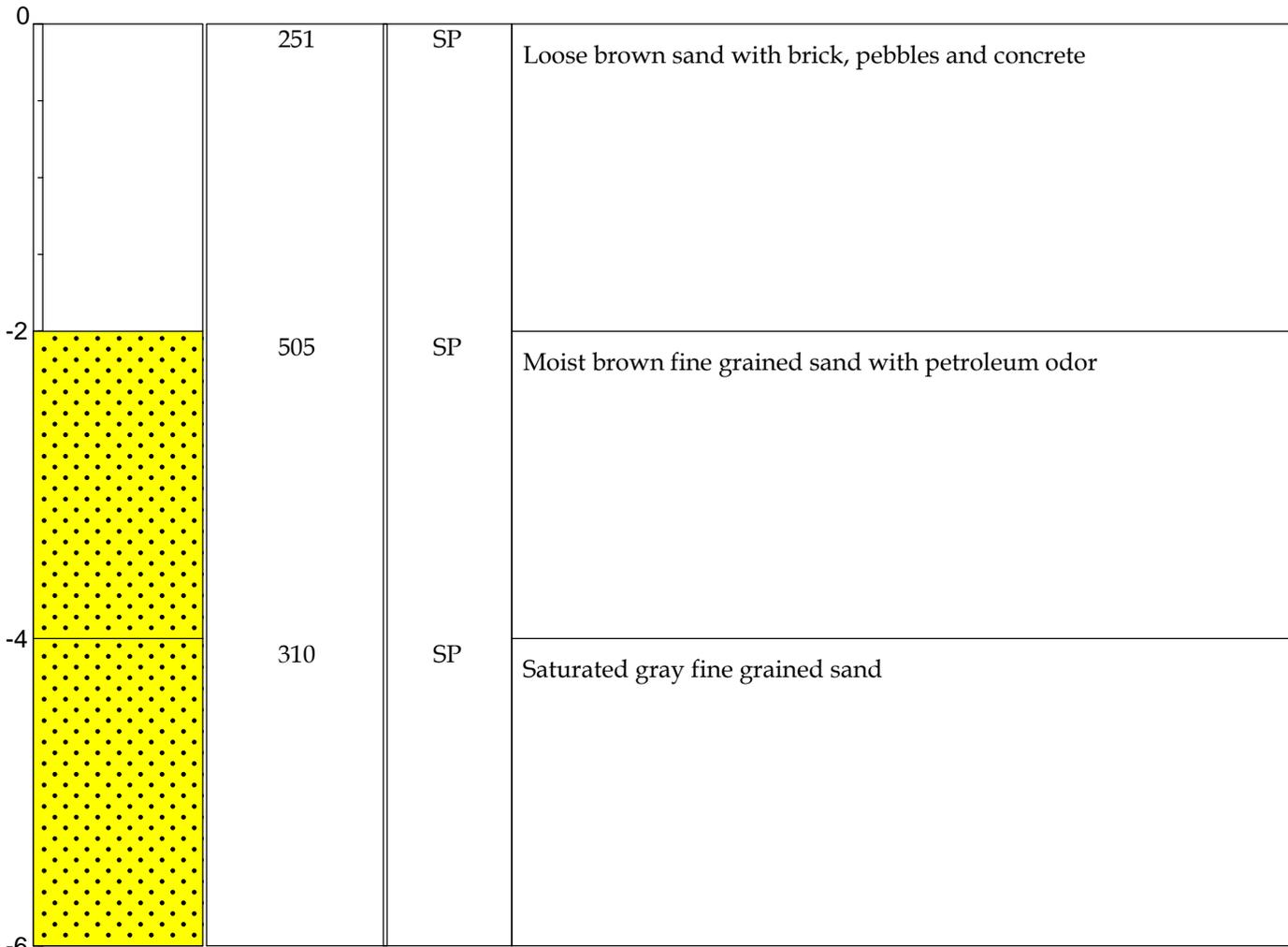
Soil Probe Log

Job No: 130222	Date: 8/26/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-3	Driller: Oscar & Javier	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 6 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
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Soil Probe Log

Job No: 130222

Date: 8/27/13

Page: 1 of 1

Location: 28-46 Roebling Street
Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-4

Driller: Oscar & Javier

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 6 Feet

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Dark brown loose brown sand with pebbles and concrete
-2	3.4	SP	Moist dark brown sand
-4	22.3	SP	Saturated dark brown sand
-6			



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Soil Probe Log

Job No: 130222

Date: 8/27/13

Page: 1 of 1

Location: 28-46 Roebling Street
Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-5

Driller: Oscar & Javier

Drilling Method: Direct Push

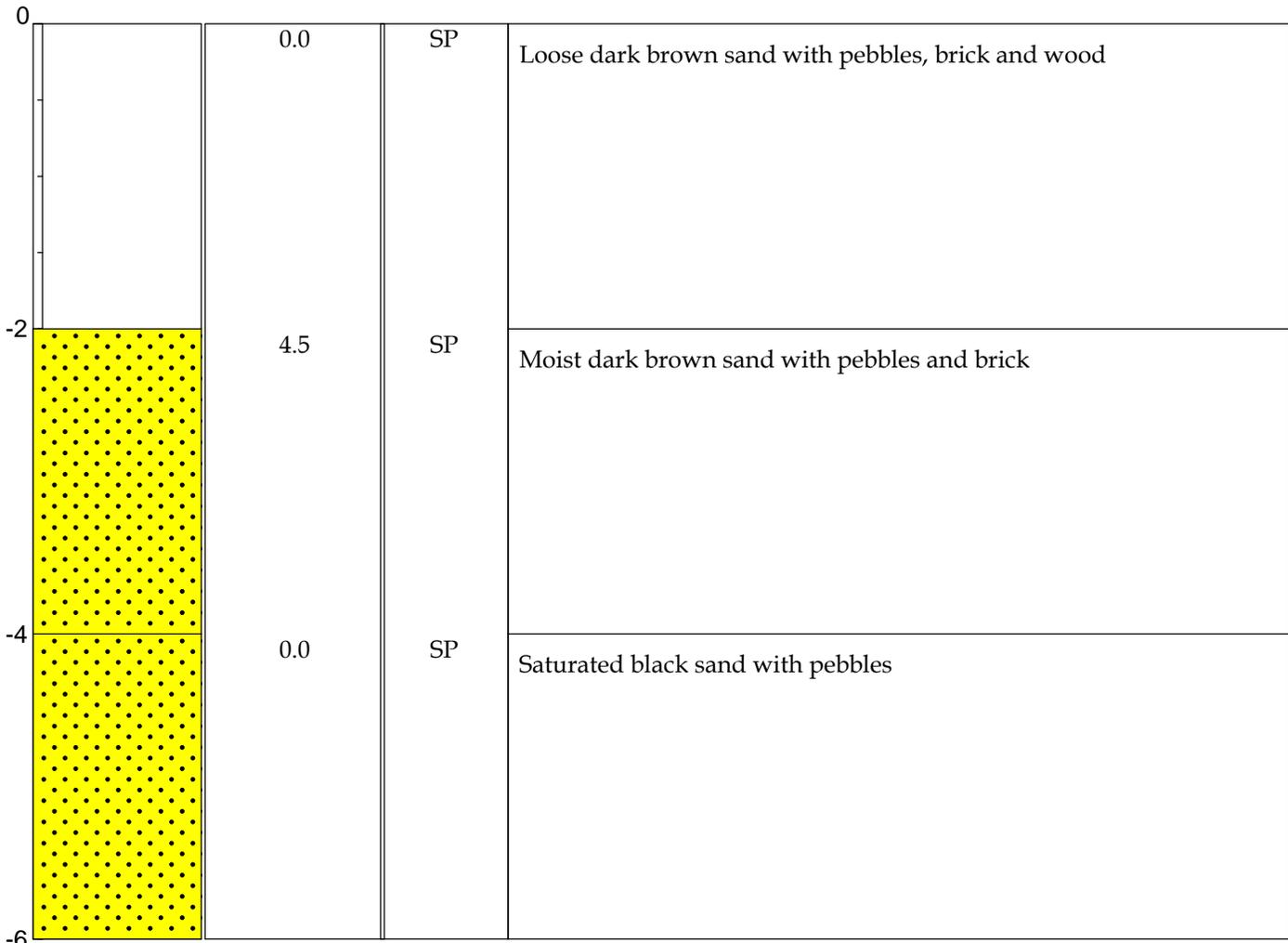
Depth to Water: N/A

Total Depth: 6 Feet

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------





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Soil Probe Log

Job No: 130222

Date: 8/27/13

Page: 1 of 1

Location: 28-46 Roebling Street
Brooklyn, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-6

Driller: Oscar & Javier

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 6 Feet

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	29.3	SP	Dark brown loose brown sand with pebbles
-2	0.0	SP	Moist brown medium compacted sand
-4	0.0	SP	Saturated dark brown sand
-6			



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Soil Probe Log

Job No: 130222	Date: 8/27/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-7	Driller: Oscar & Javier	Depth to Water: N/A
Drilling Method: Direct Push		
Total Depth: 6 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	40.8	SP	Loose brown sand with brick and pebbles
-2	48.1	SP	Moist brown medium compacted sand
-4	2.8	SP	Saturated brown sand
-6			



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Soil Probe Log

Job No:	Date: 10/31/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-8	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.9	SP	Concrete, brown compacted sand
-2	351	SP	Black sand with odor, pebbles
-4	124	SP	Moist black sand with odor
-6			



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Soil Probe Log

Job No:	Date: 10/31/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-9	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, black fine sand
-2	0.0	SP	Light brown moist sand with pebbles
-4	0.0	SP	Moist light brown sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 10/31/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-10	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	5.8	SP	Concrete, brown sand with pebbles
-2	0.0	SP	Brown medium compacted sand with pebbles
-4	0.0	SP	Moist brown sand
-6			



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Soil Probe Log

Job No:	Date: 10/31/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-11	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, loose brown sand
-2	54.3	SP	Moist dark brown sand
-4	31.1	SP	Moist brown coarse sand
-6			



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Soil Probe Log

Job No:	Date: 10/31/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-12	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	769	SP	Concrete, fine gray and compacted black sand with odor
-2	532	SP	Concrete, fine gray and compacted black sand with odor
-4	10.6	SP	Brown moist sand
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-13		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	403	SP	Concrete black and brown sand with pebbles, odor, glass and charcoal
-2	29.1	SP	Concrete black and brown sand with pebbles, odor, glass and charcoal
-4	15.8	SP	Moist brown sand
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-14		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	70.6	SP	Light brown moist sand, black with pebbles
-2	67.1	SP	Brown loose sand with pebbles
-4	95.8	SP	Moist compacted brown sand
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-15		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	38.2	SP	Brick, brown sand
-2	59.1	SP	Moist black and brown sand, odor
-4	50.4	SP	Moist black and brown sand, odor
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-16	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	17.2	SP	Brick, brown sand with pebbles
-2	71.4	SP	Moist black and brown sand, odor
-4	103	SP	Saturated black sand with pebbles and odor
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-17		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	3.8	SP	Brown and light brown loose sand
-2	49.7	SP	Black sand moist with odor
-4	124	SP	Saturated black sand with odor
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-18	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	7.9	SP	Brick, brown sand with pebbles
-2	16.3	SP	Black and brown moist sand
-4	No recovery	SP	No recovery
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-19		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	48.3	SP	Concrete, brown sand, odor
-2	376	SP	Black moist sand, odor
-4	65.1	SP	Black moist sand, odor
-6			



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Soil Probe Log

Job No:	Date: 11/1/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-20	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	20.2	SP	Brown sand with glass and pebbles
-2	263	SP	Moist brown and black sand, odor
-4	134	SP	Saturated black sand with pebbles, odor
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-21	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, brown sand with pebbles
-2	0.0	SP	Brown sand wth brick, moist
-4	0.0	SP	Wet brown sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-22		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, brown sand with pebbles, wood
-2	0.0	SP	Concrete, brown sand with pebbles, wood
-4	0.0	SP	Brown compacted moist sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-23	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.9	SP	Concrete, brown loose sand with pebbles
-2	3.2	SP	Concrete, brown loose sand with pebbles
-4	0.0	SP	Saturated black sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-24		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, brown sand with pebbles
-2	0.0	SP	Moist brown sand
-4	0.0	SP	Moist brown sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-25	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.7	SP	Concrete, black sand
-2	1.4	SP	Moist brown sand with pebbles
-4	0.2	SP	Wet black sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-26		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, brown sand with pebbles
-2	3.8	SP	Moist compacted brown sand
-4	2.1	SP	Moist black sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-27	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, brown sand with pebbles
-2	0.0	SP	Moist compacted brown sand
-4	0.0	SP	Moist compacted brown sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-28		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, brown sand with pebbles
-2	0.0	SP	Moist compacted brown sand
-4	0.0	SP	Moist compacted brown sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-29	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.3	SP	Coarse brown sand with pebbles
-2	0.0	SP	Compacted moist brown sand
-4	0.8	SP	Compacted moist brown sand
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-30		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Brown loose sand with brick
-2	0.0	SP	Moist brown sand with pebbles
-4	0.0	SP	Moist brown sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 11/4/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-31	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, loose brown sand with pebbles
-2	0.0	SP	Compacted moist dark brown sand
-4	0.0	SP	Compacted moist dark brown sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 11/5/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-32		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.3	SP	Concrete, loose brown sand with pebbles
-2	0.0	SP	Moist dark brown compacted sand with pebbles
-4	0.2	SP	Moist dark brown compacted sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 11/5/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY		Sampling Interval: 2 Feet
Boring No.: SP-33		Sampling Method: Grab
Drilling Method: Direct Push		Driller: Efrain
Total Depth: 6 feet		Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	Concrete, loose brown sand with pebbles
-2	0.0	SP	Moist dark brown compacted sand with pebbles
-4	0.0	SP	Moist dark brown compacted sand with pebbles
-6			



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Soil Probe Log

Job No:	Date: 11/5/13	Page: 1 of 1
Location: 28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet	Sampling Method: Grab
Boring No.: SP-34	Driller: Efrain	Depth to Water:
Drilling Method: Direct Push		
Total Depth: 6 feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	3.2	SP	Concrete, compacted brown sand
-2	6.1	SP	Moist dark brown compacted sand
-4	2.4	SP	Moist dark brown compacted sand
-6			



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Soil Probe Log

Job No:	Date: 11/5/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-35	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	2.3	SP	Concrete, compacted brown sand
-2	0.8	SP	Moist brown compacted sand
-4	4.7	SP	Moist brown compacted sand
-6			



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Soil Probe Log

Job No:	Date: 11/5/13	Page: 1 of 1
Location:	28-46 Roebling Street Brooklyn, NY	Sampling Interval: 2 Feet
Boring No.:	SP-36	Sampling Method: Grab
Drilling Method:	Direct Push	Driller: Efrain
Total Depth:	6 feet	Depth to Water:

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	2.7	SP	Concrete, compacted brown sand
-2	0.0	SP	Concrete compacted black fine sand
-4	Refusal	SP	Refusal at 4'
-6			

APPENDIX 5

Well Construction Logs



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WELL CONSTRUCTION LOG

Job No: 130222 Date: 10-26-2013 Page: 1 OF 1

Location: 28-46 ROEBLING STREET, BROOKLYN, NY

Well Number: MW-1 Screen Size: 0.020"

Drilling Method: DIRECT PUSH Screen Interval: 8.00'

Total Depth: 10.00' Diameter: 1"

Depth to Water: 3.15' Riser Length: 2.00'

Manhole Size: 5" Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description	
2			5" Manhole Cover	
4			0'-1.00' - Native Soil	
6			1.00'-2.00' - Bentonite Seal	
8			2'-10.00' - #2 Sand	
10			0' - 2.00' - Riser	
12			2' - 10.00' - Screen	
14				
16				
18				
20				
22				
24				
26				
28				
30				



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BROOKLYN, NEW YORK 11225

WELL CONSTRUCTION LOG

Job No: 130222 Date: 10-27-2013 Page: 1 OF 1

Location: 28-46 ROEBLING STREET, BROOKLYN, NY

Well Number: MW-2 Screen Size: 0.020"

Drilling Method: DIRECT PUSH Screen Interval: 8.00'

Total Depth: 10.00' Diameter: 1"

Depth to Water: 3.16' Riser Length: 2.00'

Manhole Size: 5" Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover
4			0'-1.00' - Native Soil
6			1.00'-2.00' - Bentonite Seal
8			2'-10.00' - #2 Sand
10			0' - 2.00' - Riser
12			2' - 10.00' - Screen
14			
16			
18			
20			
22			
24			
26			
28			
30			



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WELL CONSTRUCTION LOG

Job No: 130222 Date: 10-27-2013 Page: 1 OF 1

Location: 28-46 ROEBLING STREET, BROOKLYN, NY

Well Number: MW-3 Screen Size: 0.020"

Drilling Method: DIRECT PUSH Screen Interval: 8.00'

Total Depth: 10.00' Diameter: 1"

Depth to Water: 2.98' Riser Length: 2.00'

Manhole Size: 5" Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover
4			0'-1.00' - Native Soil
6			1.00'-2.00' - Bentonite Seal
8			2'-10.00' - #2 Sand
10			0' - 2.00' - Riser
12			2' - 10.00' - Screen
14			
16			
18			
20			
22			
24			
26			
28			
30			

APPENDIX 6

Laboratory Data Deliverables for Soil Analytical Results



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue

Brooklyn NY, 11225

Attention: Sasha Rothenberg

Report Date: 09/04/2013

Client Project ID: 130222-28-46 Roebling St, Brooklyn, NY

York Project (SDG) No.: 13H1049

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

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 28, 2013 and listed below. The project was identified as your project: **130222-28-46 Roebing St, Brooklyn, NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13H1049-01	SP-1 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-02	SP-1 (2-4)	Soil	08/26/2013	08/28/2013
13H1049-03	SP-2 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-04	SP-2 (2-4)	Soil	08/26/2013	08/28/2013
13H1049-05	SP-3 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-06	SP-3 (2-4)	Soil	08/26/2013	08/28/2013
13H1049-07	SP-4 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-08	SP-4 (2-4)	Soil	08/26/2013	08/28/2013
13H1049-09	SP-5 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-10	SP-5 (2-4)	Soil	08/26/2013	08/28/2013
13H1049-11	SP-6 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-12	SP-6 (2-4)	Soil	08/26/2013	08/28/2013
13H1049-13	SP-7 (0-2)	Soil	08/26/2013	08/28/2013
13H1049-14	SP-7 (2-4)	Soil	08/26/2013	08/28/2013

General Notes for York Project (SDG) No.: 13H1049

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:



Benjamin Gulizia
Laboratory Director

Date: 09/04/2013

YORK



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
95-63-6	1,2,4-Trimethylbenzene	48000		ug/kg dry	840	1700	250	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 15:12	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
108-67-8	1,3,5-Trimethylbenzene	32000		ug/kg dry	840	1700	250	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 15:12	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	6700	13000	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
78-93-3	2-Butanone	1100		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
67-64-1	Acetone	970	J	ug/kg dry	340	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
71-43-2	Benzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
108-86-1	Bromobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-25-2	Bromoform	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-00-3	Chloroethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
67-66-3	Chloroform	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
74-87-3	Chloromethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
74-95-3	Dibromomethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
98-82-8	Isopropylbenzene	1400		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-09-2	Methylene chloride	350	J	ug/kg dry	340	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
91-20-3	Naphthalene	33000		ug/kg dry	840	3400	250	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 15:12	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
103-65-1	n-Propylbenzene	3900		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
95-47-6	o-Xylene	2200		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
179601-23-1	p- & m- Xylenes	2500		ug/kg dry	670	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
99-87-6	p-Isopropyltoluene	7700		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
135-98-8	sec-Butylbenzene	5900		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
100-42-5	Styrene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
98-06-6	tert-Butylbenzene	2500		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
108-88-3	Toluene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
1330-20-7	Xylenes, Total	4700		ug/kg dry	1000	2000	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	340	670	100	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 22:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.3 %	72-137								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	72-138								
2037-26-5	Surrogate: Toluene-d8	109 %	85-118								

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
62-53-3	Aniline	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
120-12-7	Anthracene	123	J	ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
56-55-3	Benzo(a)anthracene	309		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
50-32-8	Benzo(a)pyrene	301		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
205-99-2	Benzo(b)fluoranthene	365		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
207-08-9	Benzo(k)fluoranthene	334		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
117-81-7	Bis(2-ethylhexyl)phthalate	60.6	J	ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
218-01-9	Chrysene	316		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	215	429	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	215	430	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
206-44-0	Fluoranthene	589		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
86-73-7	Fluorene	61.9	J	ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
78-59-1	Isophorone	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
91-57-6	2-Methylnaphthalene	104	J	ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
91-20-3	Naphthalene	285		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	108	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	54.2	215	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:45	RB



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains data for various chemical compounds and surrogate recoveries.

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains data for various pesticides and PCBs.



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	2.13	2.13	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.13	2.13	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:40	JW
309-00-2	Aldrin	ND		ug/kg dry	2.13	2.13	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.13	2.13	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.13	2.13	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:40	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.13	2.13	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:40	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.9	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.77	21.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 10:43	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.2 %	30-150								
2051-24-3	Surrogate: Decachlorobiphenyl	32.7 %	30-150								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6220		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-36-0	Antimony	1.87		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-38-2	Arsenic	16.3		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-39-3	Barium	1790		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.129	0.129	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.387	0.387	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-70-2	Calcium	9300		mg/kg dry	0.645	6.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-47-3	Chromium	33.7		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-48-4	Cobalt	6.26		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-50-8	Copper	139		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7439-89-6	Iron	16000		mg/kg dry	2.58	2.58	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7439-92-1	Lead	758		mg/kg dry	0.387	0.387	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7439-95-4	Magnesium	1200		mg/kg dry	6.45	6.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7439-96-5	Manganese	201		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW



Sample Information

Client Sample ID: SP-1 (0-2)

York Sample ID: 13H1049-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	20.1		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-09-7	Potassium	810		mg/kg dry	6.45	6.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7782-49-2	Selenium	3.53		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-23-5	Sodium	849		mg/kg dry	12.9	12.9	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-28-0	Thallium	ND		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-62-2	Vanadium	22.4		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW
7440-66-6	Zinc	1000		mg/kg dry	1.29	1.29	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:24	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.63		mg/kg dry	0.00103	0.00103	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 12:32	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	77.5		%	0.100	0.100	1	SM 2540G	09/03/2013 10:51	09/03/2013 14:27	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.451	0.645	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	26.1		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	15000	30000	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
78-93-3	2-Butanone	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
67-64-1	Acetone	ND		ug/kg dry	740	3000	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
71-43-2	Benzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
108-86-1	Bromobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-25-2	Bromoform	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS



Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-00-3	Chloroethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
67-66-3	Chloroform	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
74-87-3	Chloromethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
74-95-3	Dibromomethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
98-82-8	Isopropylbenzene	3100		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-09-2	Methylene chloride	ND		ug/kg dry	740	3000	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
91-20-3	Naphthalene	2900	J	ug/kg dry	740	3000	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
103-65-1	n-Propylbenzene	2400		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
95-47-6	o-Xylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	1500	3000	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
135-98-8	sec-Butylbenzene	19000		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
100-42-5	Styrene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
98-06-6	tert-Butylbenzene	2500		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
108-88-3	Toluene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS



Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

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13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	2200	4500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	740	1500	200	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:22	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.6 %			72-137						
460-00-4	Surrogate: p-Bromofluorobenzene	82.9 %			72-138						
2037-26-5	Surrogate: Toluene-d8	98.4 %			85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
62-53-3	Aniline	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
120-12-7	Anthracene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
218-01-9	Chrysene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR



Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

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13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2420	4830	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2420	4830	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
206-44-0	Fluoranthene	856	J	ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
86-73-7	Fluorene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
78-59-1	Isophorone	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
91-20-3	Naphthalene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR



Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1220	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
85-01-8	Phenanthrene	841	J	ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
108-95-2	Phenol	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
129-00-0	Pyrene	648	J	ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
110-86-1	Pyridine	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	609	2420	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:08	SR
Surrogate Recoveries		Result	Acceptance Range								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	63.1 %	10-142								
321-60-8	Surrogate: 2-Fluorobiphenyl	66.8 %	10-111								
367-12-4	Surrogate: 2-Fluorophenol	65.0 %	10-109								
4165-60-0	Surrogate: Nitrobenzene-d5	87.2 %	10-148								
4165-62-2	Surrogate: Phenol-d5	76.0 %	10-124								
1718-51-0	Surrogate: Terphenyl-d14	82.4 %	10-147								

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	121	121	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
72-43-5	Methoxychlor	ND		ug/kg dry	12.0	12.0	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
72-20-8	Endrin	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW



Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	9.57	9.57	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
309-00-2	Aldrin	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.39	2.39	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:10	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	24.7	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.86	24.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:15	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.4 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	54.9 %			30-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5800		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-36-0	Antimony	0.969		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-38-2	Arsenic	13.8		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-39-3	Barium	355		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.145	0.145	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.435	0.435	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-70-2	Calcium	6260		mg/kg dry	0.725	7.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-47-3	Chromium	13.7		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-48-4	Cobalt	10.3		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-50-8	Copper	80.7		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7439-89-6	Iron	18700		mg/kg dry	2.90	2.90	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7439-92-1	Lead	408		mg/kg dry	0.435	0.435	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7439-95-4	Magnesium	624		mg/kg dry	7.25	7.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW



Sample Information

Client Sample ID: SP-1 (2-4)

York Sample ID: 13H1049-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	102		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-02-0	Nickel	24.5		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-09-7	Potassium	857		mg/kg dry	7.25	7.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7782-49-2	Selenium	5.21		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.725	0.725	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-23-5	Sodium	721		mg/kg dry	14.5	14.5	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-28-0	Thallium	ND		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-62-2	Vanadium	28.8		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW
7440-66-6	Zinc	354		mg/kg dry	1.45	1.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:29	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.41		mg/kg dry	0.00116	0.00116	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 12:58	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	69.0		%	0.100	0.100	1	SM 2540G	09/03/2013 10:51	09/03/2013 14:27	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.508	0.725	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	9.47		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
71-55-6	1,1,1-Trichloroethane	6.1	J	ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-34-3	1,1-Dichloroethane	33		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
67-64-1	Acetone	4.3	J	ug/kg dry	3.2	13	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	13	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
91-20-3	Naphthalene	3.3	J	ug/kg dry	3.2	13	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA SW846-8260B	08/29/2013 12:23	08/29/2013 23:57	SS



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			72	137					
460-00-4	Surrogate: p-Bromofluorobenzene	117 %			72	138					
2037-26-5	Surrogate: Toluene-d8	122 %	S-04		85	118					

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
62-53-3	Aniline	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
120-12-7	Anthracene	123	J	ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
56-55-3	Benzo(a)anthracene	411		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
50-32-8	Benzo(a)pyrene	387	J	ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
205-99-2	Benzo(b)fluoranthene	304	J	ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
191-24-2	Benzo(g,h,i)perylene	303	J	ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
207-08-9	Benzo(k)fluoranthene	454		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
218-01-9	Chrysene	406		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	400	798	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	400	799	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
206-44-0	Fluoranthene	707		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
86-73-7	Fluorene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
193-39-5	Indeno(1,2,3-cd)pyrene	304	J	ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
78-59-1	Isophorone	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	201	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
85-01-8	Phenanthrene	514		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
108-95-2	Phenol	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
129-00-0	Pyrene	599		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
110-86-1	Pyridine	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	101	399	2	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 16:40	SR
	Surrogate Recoveries	Result									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	75.3 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	68.8 %									
367-12-4	Surrogate: 2-Fluorophenol	61.8 %									
4165-60-0	Surrogate: Nitrobenzene-d5	65.2 %									
4165-62-2	Surrogate: Phenol-d5	71.7 %									
1718-51-0	Surrogate: Terphenyl-d14	69.9 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.89	9.89	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.91	7.91	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:25	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.15	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 11:48	JW

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene* 76.9 %

30-150

2051-24-3 *Surrogate: Decachlorobiphenyl* 60.1 %

30-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4580		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-36-0	Antimony	4.71		mg/kg dry	0.599	0.599	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-38-2	Arsenic	63.8		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-39-3	Barium	3460		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-43-9	Cadmium	2.79		mg/kg dry	0.359	0.359	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-70-2	Calcium	26300		mg/kg dry	0.599	5.99	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-47-3	Chromium	70.8		mg/kg dry	0.599	0.599	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-48-4	Cobalt	6.10		mg/kg dry	0.599	0.599	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-50-8	Copper	192		mg/kg dry	0.599	0.599	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7439-89-6	Iron	19700		mg/kg dry	2.40	2.40	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7439-92-1	Lead	7320		mg/kg dry	0.359	0.359	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7439-95-4	Magnesium	5280		mg/kg dry	5.99	5.99	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7439-96-5	Manganese	207		mg/kg dry	0.599	0.599	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW
7440-02-0	Nickel	21.0		mg/kg dry	0.599	0.599	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:34	MW



Sample Information

Client Sample ID: SP-2 (0-2)

York Sample ID: 13H1049-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Potassium (806), Selenium (2.85), Silver (ND), Sodium (568), Thallium (ND), Vanadium (18.7), and Zinc (3920).

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury (2.15).

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids (83.5).

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Chromium, Hexavalent (ND).

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Chromium, Trivalent (59.1).

Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes 1,1,1,2-Tetrachloroethane (ND).



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	230	J	ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-34-3	1,1-Dichloroethane	1700		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
95-63-6	1,2,4-Trimethylbenzene	5700		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
108-67-8	1,3,5-Trimethylbenzene	540		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	4300	8500	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
78-93-3	2-Butanone	500		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
67-64-1	Acetone	ND		ug/kg dry	210	850	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
71-43-2	Benzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
108-86-1	Bromobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-25-2	Bromoform	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
74-83-9	Bromomethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-00-3	Chloroethane	1000		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
67-66-3	Chloroform	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
74-87-3	Chloromethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
74-95-3	Dibromomethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
98-82-8	Isopropylbenzene	1300		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-09-2	Methylene chloride	ND		ug/kg dry	210	850	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
91-20-3	Naphthalene	250	J	ug/kg dry	210	850	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
104-51-8	n-Butylbenzene	2400		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
103-65-1	n-Propylbenzene	2800		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
95-47-6	o-Xylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	430	850	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
99-87-6	p-Isopropyltoluene	460		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
135-98-8	sec-Butylbenzene	2500		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
100-42-5	Styrene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
98-06-6	tert-Butylbenzene	330	J	ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
108-88-3	Toluene	740		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	640	1300	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	210	430	100	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 15:47	BK



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			72	137					
460-00-4	Surrogate: p-Bromofluorobenzene	78.9 %			72	138					
2037-26-5	Surrogate: Toluene-d8	92.5 %			85	118					

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
62-53-3	Aniline	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
120-12-7	Anthracene	313	J	ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
56-55-3	Benzo(a)anthracene	1220		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
50-32-8	Benzo(a)pyrene	1070		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
205-99-2	Benzo(b)fluoranthene	921	J	ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
191-24-2	Benzo(g,h,i)perylene	622	J	ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
207-08-9	Benzo(k)fluoranthene	1290		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
218-01-9	Chrysene	1140		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	986	1970	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	986	1970	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
206-44-0	Fluoranthene	1710		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
86-73-7	Fluorene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	622	J	ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
78-59-1	Isophorone	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
91-57-6	2-Methylnaphthalene	2130		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	496	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
85-01-8	Phenanthrene	1260		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
108-95-2	Phenol	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
129-00-0	Pyrene	1650		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
110-86-1	Pyridine	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	248	984	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:12	SR
Surrogate Recoveries		Result	Acceptance Range								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	60.5 %	10-142								
321-60-8	Surrogate: 2-Fluorobiphenyl	68.5 %	10-111								
367-12-4	Surrogate: 2-Fluorophenol	74.4 %	10-109								
4165-60-0	Surrogate: Nitrobenzene-d5	89.5 %	10-148								
4165-62-2	Surrogate: Phenol-d5	79.7 %	10-124								
1718-51-0	Surrogate: Terphenyl-d14	60.1 %	10-147								

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	98.6	98.6	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.75	9.75	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
72-20-8	Endrin	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.80	7.80	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
309-00-2	Aldrin	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:40	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
11097-69-1	Aroclor 1254	100		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
1336-36-3	Total PCBs	100		ug/kg dry	8.03	20.1	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:20	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	50.7 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	48.9 %			30-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10100		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-36-0	Antimony	1.05		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-38-2	Arsenic	5.04		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-39-3	Barium	964		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.354	0.354	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-70-2	Calcium	3140		mg/kg dry	0.591	5.91	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-47-3	Chromium	20.7		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-48-4	Cobalt	7.37		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-50-8	Copper	49.5		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7439-89-6	Iron	26000		mg/kg dry	2.36	2.36	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7439-92-1	Lead	481		mg/kg dry	0.354	0.354	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7439-95-4	Magnesium	2310		mg/kg dry	5.91	5.91	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7439-96-5	Manganese	351		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-02-0	Nickel	22.6		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW



Sample Information

Client Sample ID: SP-2 (2-4)

York Sample ID: 13H1049-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	908		mg/kg dry	5.91	5.91	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7782-49-2	Selenium	2.43		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-22-4	Silver	ND		mg/kg dry	0.591	0.591	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-23-5	Sodium	297		mg/kg dry	11.8	11.8	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-62-2	Vanadium	24.6		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW
7440-66-6	Zinc	308		mg/kg dry	1.18	1.18	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:53	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.20		mg/kg dry	0.000945	0.000945	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 13:32	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.7		%	0.100	0.100	1	SM 2540G	09/03/2013 10:51	09/03/2013 14:27	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.413	0.591	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	17.5		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK



Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

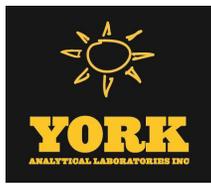
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-34-3	1,1-Dichloroethane	5.3	J	ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
95-63-6	1,2,4-Trimethylbenzene	36		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
108-67-8	1,3,5-Trimethylbenzene	9.6		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	80	160	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
78-93-3	2-Butanone	12		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
67-64-1	Acetone	56		ug/kg dry	4.0	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
71-43-2	Benzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
108-86-1	Bromobenzene	4.6	J	ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-25-2	Bromoform	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK



Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
67-66-3	Chloroform	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
98-82-8	Isopropylbenzene	7.1	J	ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
91-20-3	Naphthalene	ND		ug/kg dry	4.0	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
104-51-8	n-Butylbenzene	6.1	J	ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
103-65-1	n-Propylbenzene	8.8		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
99-87-6	p-Isopropyltoluene	5.3	J	ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
135-98-8	sec-Butylbenzene	9.5		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
100-42-5	Styrene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
108-88-3	Toluene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	4.0	8.0	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:22	BK
	Surrogate Recoveries	Result		Acceptance Range							



Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			72-137						
460-00-4	Surrogate: p-Bromofluorobenzene	99.2 %			72-138						
2037-26-5	Surrogate: Toluene-d8	95.6 %			85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
62-53-3	Aniline	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
120-12-7	Anthracene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
218-01-9	Chrysene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR



Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	2130	4240	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	2130	4240	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
206-44-0	Fluoranthene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
86-73-7	Fluorene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
78-59-1	Isophorone	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
91-20-3	Naphthalene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR



Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	1070	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
85-01-8	Phenanthrene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
108-95-2	Phenol	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
129-00-0	Pyrene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
110-86-1	Pyridine	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	535	2120	10	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 17:43	SR
	Surrogate Recoveries	Result									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	46.4 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	74.8 %									
367-12-4	Surrogate: 2-Fluorophenol	56.0 %									
4165-60-0	Surrogate: Nitrobenzene-d5	76.4 %									
4165-62-2	Surrogate: Phenol-d5	68.9 %									
1718-51-0	Surrogate: Terphenyl-d14	75.1 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	106	106	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	10.5	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
72-20-8	Endrin	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.40	8.40	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW



Sample Information

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
309-00-2	Aldrin	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.10	2.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:55	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.6	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.65	21.6	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 12:52	JW

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene* 65.9 %

30-150

2051-24-3 *Surrogate: Decachlorobiphenyl* 43.9 %

30-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5630		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-36-0	Antimony	6.29		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-38-2	Arsenic	14.5		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-39-3	Barium	2440		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.127	0.127	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-43-9	Cadmium	1.72		mg/kg dry	0.382	0.382	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-70-2	Calcium	31400		mg/kg dry	0.636	6.36	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-47-3	Chromium	65.1		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-48-4	Cobalt	6.04		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-50-8	Copper	136		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7439-89-6	Iron	14400		mg/kg dry	2.55	2.55	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7439-92-1	Lead	1530		mg/kg dry	0.382	0.382	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7439-95-4	Magnesium	4380		mg/kg dry	6.36	6.36	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7439-96-5	Manganese	200		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-02-0	Nickel	20.0		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW



Sample Information

Client Sample ID: SP-3 (0-2)

York Sample ID: 13H1049-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	1150		mg/kg dry	6.36	6.36	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7782-49-2	Selenium	2.52		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-22-4	Silver	ND		mg/kg dry	0.636	0.636	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-23-5	Sodium	721		mg/kg dry	12.7	12.7	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-28-0	Thallium	ND		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-62-2	Vanadium	29.5		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW
7440-66-6	Zinc	2070		mg/kg dry	1.27	1.27	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 22:58	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.27		mg/kg dry	0.00102	0.00102	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 13:48	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	78.6		%	0.100	0.100	1	SM 2540G	09/03/2013 08:33	09/03/2013 16:21	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.445	0.636	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	51.2		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
95-63-6	1,2,4-Trimethylbenzene	510	J	ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	6700	13000	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
78-93-3	2-Butanone	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
67-64-1	Acetone	ND		ug/kg dry	330	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
71-43-2	Benzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-25-2	Bromoform	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
67-66-3	Chloroform	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
98-82-8	Isopropylbenzene	990		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-09-2	Methylene chloride	ND		ug/kg dry	330	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
91-20-3	Naphthalene	ND		ug/kg dry	330	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
104-51-8	n-Butylbenzene	1600		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
103-65-1	n-Propylbenzene	1400		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	670	1300	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
135-98-8	sec-Butylbenzene	9500		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
100-42-5	Styrene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
98-06-6	tert-Butylbenzene	1000		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
108-88-3	Toluene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1000	2000	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	330	670	100	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 01:43	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	88.2 %			72-137						
460-00-4	Surrogate: p-Bromofluorobenzene	85.7 %			72-138						
2037-26-5	Surrogate: Toluene-d8	118 %			85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
62-53-3	Aniline	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
120-12-7	Anthracene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
218-01-9	Chrysene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	4770	9500	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	4770	9510	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
206-44-0	Fluoranthene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
86-73-7	Fluorene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
78-59-1	Isophorone	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
91-57-6	2-Methylnaphthalene	5830		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
91-20-3	Naphthalene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	2400	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
85-01-8	Phenanthrene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
108-95-2	Phenol	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
129-00-0	Pyrene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
110-86-1	Pyridine	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	1200	4760	20	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:15	SR

Surrogate Recoveries

Result

Acceptance Range

5175-83-7	Surrogate: 2,4,6-Tribromophenol	51.8 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	56.0 %									
367-12-4	Surrogate: 2-Fluorophenol	54.4 %									
4165-60-0	Surrogate: Nitrobenzene-d5	399 %									
4165-62-2	Surrogate: Phenol-d5	71.4 %									
1718-51-0	Surrogate: Terphenyl-d14	71.4 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	119	119	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.8	11.8	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
72-20-8	Endrin	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	9.42	9.42	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
309-00-2	Aldrin	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.35	2.35	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:10	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	24.3	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.70	24.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene*

56.4 %

30-150

2051-24-3 *Surrogate: Decachlorobiphenyl*

61.0 %

30-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7960		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-36-0	Antimony	ND		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-38-2	Arsenic	13.3		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-39-3	Barium	374		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.143	0.143	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.428	0.428	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-70-2	Calcium	12500		mg/kg dry	0.714	7.14	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-47-3	Chromium	20.9		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-48-4	Cobalt	7.47		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-50-8	Copper	70.1		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7439-89-6	Iron	21100		mg/kg dry	2.85	2.85	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7439-92-1	Lead	2490		mg/kg dry	0.428	0.428	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW



Sample Information

Client Sample ID: SP-3 (2-4)

York Sample ID: 13H1049-06

York Project (SDG) No. 13H1049 Client Project ID 130222-28-46 Roebing St, Brooklyn, NY Matrix Soil Collection Date/Time August 26, 2013 3:00 pm Date Received 08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2140		mg/kg dry	7.14	7.14	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7439-96-5	Manganese	361		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-02-0	Nickel	19.2		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-09-7	Potassium	1230		mg/kg dry	7.14	7.14	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7782-49-2	Selenium	2.98		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-22-4	Silver	ND		mg/kg dry	0.714	0.714	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-23-5	Sodium	482		mg/kg dry	14.3	14.3	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-28-0	Thallium	ND		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-62-2	Vanadium	29.9		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW
7440-66-6	Zinc	1950		mg/kg dry	1.43	1.43	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:05	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.81		mg/kg dry	0.00114	0.00114	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 14:01	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	70.1		%	0.100	0.100	1	SM 2540G	09/03/2013 08:33	09/03/2013 16:21	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.500	0.714	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	14.7		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No. 13H1049 Client Project ID 130222-28-46 Roebing St, Brooklyn, NY Matrix Soil Collection Date/Time August 26, 2013 3:00 pm Date Received 08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
71-55-6	1,1,1-Trichloroethane	30		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
79-00-5	1,1,2-Trichloroethane	7.6		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	72	140	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
67-64-1	Acetone	ND		ug/kg dry	3.6	14	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
71-43-2	Benzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS



Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-09-2	Methylene chloride	4.0	J	ug/kg dry	3.6	14	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.6	14	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.2	14	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
100-42-5	Styrene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
108-88-3	Toluene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
79-01-6	Trichloroethylene	42		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.6	7.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:18	SS



Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No.

Client Project ID

Matrix

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.5 %			72	137					
460-00-4	Surrogate: p-Bromofluorobenzene	118 %			72	138					
2037-26-5	Surrogate: Toluene-d8	120 %			85	118					

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
62-53-3	Aniline	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
120-12-7	Anthracene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
218-01-9	Chrysene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR



Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1050	2090	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1050	2090	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
206-44-0	Fluoranthene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
86-73-7	Fluorene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
78-59-1	Isophorone	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
91-20-3	Naphthalene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR



Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	526	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
85-01-8	Phenanthrene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
108-95-2	Phenol	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
129-00-0	Pyrene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
110-86-1	Pyridine	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	263	1040	5	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 18:46	SR
	Surrogate Recoveries	Result									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	43.9 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	54.6 %									
367-12-4	Surrogate: 2-Fluorophenol	55.0 %									
4165-60-0	Surrogate: Nitrobenzene-d5	56.4 %									
4165-62-2	Surrogate: Phenol-d5	59.4 %									
1718-51-0	Surrogate: Terphenyl-d14	70.0 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	10.3	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
72-20-8	Endrin	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.27	8.27	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW



Sample Information

Client Sample ID: SP-4 (0-2)

York Sample ID: 13H1049-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
309-00-2	Aldrin	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.07	2.07	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 13:25	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.52	21.3	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:01	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	61.3 %	30-150								
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %	30-150								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9270		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-36-0	Antimony	1.45		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-38-2	Arsenic	14.6		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-39-3	Barium	491		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.125	0.125	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.376	0.376	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-70-2	Calcium	19500		mg/kg dry	0.626	6.26	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-47-3	Chromium	18.7		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-48-4	Cobalt	7.44		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-50-8	Copper	224		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7439-89-6	Iron	17800		mg/kg dry	2.51	2.51	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7439-92-1	Lead	589		mg/kg dry	0.376	0.376	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7439-95-4	Magnesium	1770		mg/kg dry	6.26	6.26	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7439-96-5	Manganese	309		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW



Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H1049-07
York Project (SDG) No.: 13H1049 **Client Project ID:** 130222-28-46 Roebing St, Brooklyn, NY **Matrix:** Soil **Collection Date/Time:** August 26, 2013 3:00 pm **Date Received:** 08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	17.2		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-09-7	Potassium	1150		mg/kg dry	6.26	6.26	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7782-49-2	Selenium	1.94		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-22-4	Silver	ND		mg/kg dry	0.626	0.626	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-23-5	Sodium	593		mg/kg dry	12.5	12.5	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-28-0	Thallium	ND		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-62-2	Vanadium	29.1		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW
7440-66-6	Zinc	807		mg/kg dry	1.25	1.25	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:13	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.51		mg/kg dry	0.00100	0.00100	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 14:17	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	79.8		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.438	0.626	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	18.7		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-4 (2-4) **York Sample ID:** 13H1049-08
York Project (SDG) No.: 13H1049 **Client Project ID:** 130222-28-46 Roebing St, Brooklyn, NY **Matrix:** Soil **Collection Date/Time:** August 26, 2013 3:00 pm **Date Received:** 08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
71-55-6	1,1,1-Trichloroethane	11		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
79-00-5	1,1,2-Trichloroethane	2.9	J	ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-34-3	1,1-Dichloroethane	3.2	J	ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
67-64-1	Acetone	5.9	J	ug/kg dry	2.6	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS



Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
79-01-6	Trichloroethylene	13		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS



Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 02:53	SS
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %									
460-00-4	Surrogate: p-Bromofluorobenzene	117 %									
2037-26-5	Surrogate: Toluene-d8	110 %									
					Acceptance Range						
					72-137						
					72-138						
					85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
62-53-3	Aniline	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
120-12-7	Anthracene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
218-01-9	Chrysene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB



Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	205	409	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	205	409	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
206-44-0	Fluoranthene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
86-73-7	Fluorene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
78-59-1	Isophorone	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
91-20-3	Naphthalene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB



Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	103	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
85-01-8	Phenanthrene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
108-95-2	Phenol	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
129-00-0	Pyrene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
110-86-1	Pyridine	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.5	205	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 18:44	RB
	Surrogate Recoveries	Result			Acceptance Range						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	68.6 %			10-142						
321-60-8	Surrogate: 2-Fluorobiphenyl	54.8 %			10-111						
367-12-4	Surrogate: 2-Fluorophenol	60.7 %			10-109						
4165-60-0	Surrogate: Nitrobenzene-d5	57.9 %			10-148						
4165-62-2	Surrogate: Phenol-d5	65.8 %			10-124						
1718-51-0	Surrogate: Terphenyl-d14	55.5 %			10-147						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
72-20-8	Endrin	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW



Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.10	8.10	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
309-00-2	Aldrin	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	2.03	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:06	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.9	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.35	20.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:34	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	89.8 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	81.3 %			30-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9170		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-36-0	Antimony	ND		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-38-2	Arsenic	3.77		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-39-3	Barium	71.8		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.368	0.368	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-70-2	Calcium	2150		mg/kg dry	0.614	6.14	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-47-3	Chromium	22.4		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-48-4	Cobalt	11.0		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-50-8	Copper	153		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7439-89-6	Iron	30600		mg/kg dry	2.45	2.45	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW



Sample Information

Client Sample ID: SP-4 (2-4)

York Sample ID: 13H1049-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	31.0		mg/kg dry	0.368	0.368	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7439-95-4	Magnesium	2780		mg/kg dry	6.14	6.14	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7439-96-5	Manganese	631		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-02-0	Nickel	19.4		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-09-7	Potassium	1420		mg/kg dry	6.14	6.14	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7782-49-2	Selenium	3.20		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-22-4	Silver	ND		mg/kg dry	0.614	0.614	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-23-5	Sodium	296		mg/kg dry	12.3	12.3	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-28-0	Thallium	ND		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-62-2	Vanadium	36.8		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW
7440-66-6	Zinc	746		mg/kg dry	1.23	1.23	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:18	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.771		mg/kg dry	0.000982	0.000982	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 14:37	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	81.5		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.430	0.614	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	22.4		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
67-64-1	Acetone	24		ug/kg dry	3.9	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-09-2	Methylene chloride	7.0	J	ug/kg dry	3.9	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.9	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
100-42-5	Styrene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	23	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 16:57	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			72-137						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			72-138						
2037-26-5	Surrogate: Toluene-d8	92.7 %			85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
62-53-3	Aniline	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
120-12-7	Anthracene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
218-01-9	Chrysene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	223	444	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	223	445	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
206-44-0	Fluoranthene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
86-73-7	Fluorene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
78-59-1	Isophorone	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
91-20-3	Naphthalene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	112	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	56.0	222	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:15	RB



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various compounds like N-nitroso-di-n-propylamine, Phenanthrene, and Surrogate Recoveries.

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Toxaphene, Methoxychlor, Heptachlor epoxide, etc.



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.80	8.80	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
309-00-2	Aldrin	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.20	2.20	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:21	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	22.7	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.07	22.7	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %	30-150								
2051-24-3	Surrogate: Decachlorobiphenyl	62.3 %	30-150								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5680		mg/kg dry	1.33	1.33	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-36-0	Antimony	7.29		mg/kg dry	0.667	0.667	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-38-2	Arsenic	22.1		mg/kg dry	1.33	1.33	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-39-3	Barium	3790		mg/kg dry	1.33	1.33	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.133	0.133	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-43-9	Cadmium	11.1		mg/kg dry	0.400	0.400	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-70-2	Calcium	18500		mg/kg dry	0.667	6.67	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-47-3	Chromium	56.5		mg/kg dry	0.667	0.667	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-48-4	Cobalt	3.95		mg/kg dry	0.667	0.667	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-50-8	Copper	8170		mg/kg dry	66.7	66.7	100	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7439-89-6	Iron	19100		mg/kg dry	2.67	2.67	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7439-92-1	Lead	20700		mg/kg dry	40.0	40.0	100	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW



Sample Information

Client Sample ID: SP-5 (0-2)

York Sample ID: 13H1049-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	3480		mg/kg dry	6.67	6.67	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7439-96-5	Manganese	364		mg/kg dry	0.667	0.667	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-02-0	Nickel	22.8		mg/kg dry	0.667	0.667	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-09-7	Potassium	947		mg/kg dry	6.67	6.67	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7782-49-2	Selenium	4.05		mg/kg dry	1.33	1.33	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-22-4	Silver	2.81		mg/kg dry	0.667	0.667	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-23-5	Sodium	523		mg/kg dry	13.3	13.3	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-28-0	Thallium	ND		mg/kg dry	1.33	1.33	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-62-2	Vanadium	17.2		mg/kg dry	1.33	1.33	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW
7440-66-6	Zinc	26100		mg/kg dry	133	133	100	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:23	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.68		mg/kg dry	0.00107	0.00107	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 14:57	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	75.0		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.467	0.667	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	56.5		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
67-64-1	Acetone	9.2	J	ug/kg dry	2.6	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-09-2	Methylene chloride	II		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 04:03	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %		72-137							
460-00-4	Surrogate: p-Bromofluorobenzene	107 %		72-138							
2037-26-5	Surrogate: Toluene-d8	107 %		85-118							

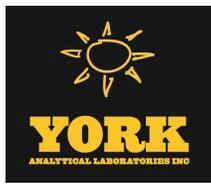
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
62-53-3	Aniline	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
120-12-7	Anthracene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
218-01-9	Chrysene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	200	399	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	200	400	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
206-44-0	Fluoranthene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
86-73-7	Fluorene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
78-59-1	Isophorone	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
91-20-3	Naphthalene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	101	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
85-01-8	Phenanthrene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
108-95-2	Phenol	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
129-00-0	Pyrene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
110-86-1	Pyridine	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.4	200	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 19:46	RB
	Surrogate Recoveries	Result			Acceptance Range						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	27.1 %			10-142						
321-60-8	Surrogate: 2-Fluorobiphenyl	31.9 %			10-111						
367-12-4	Surrogate: 2-Fluorophenol	29.3 %			10-109						
4165-60-0	Surrogate: Nitrobenzene-d5	37.5 %			10-148						
4165-62-2	Surrogate: Phenol-d5	47.1 %			10-124						
1718-51-0	Surrogate: Terphenyl-d14	49.8 %			10-147						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.89	9.89	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	7.92	7.92	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.4	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.16	20.4	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:38	JW

Surrogate Recoveries

Result

Acceptance Range

877-09-8 *Surrogate: Tetrachloro-m-xylene*

68.3 %

30-150

2051-24-3 *Surrogate: Decachlorobiphenyl*

66.6 %

30-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9360		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-36-0	Antimony	1.02		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-38-2	Arsenic	14.4		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-39-3	Barium	531		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.360	0.360	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-70-2	Calcium	40400		mg/kg dry	0.600	6.00	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-47-3	Chromium	19.9		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-48-4	Cobalt	5.62		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-50-8	Copper	40.8		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7439-89-6	Iron	15900		mg/kg dry	2.40	2.40	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7439-92-1	Lead	400		mg/kg dry	0.360	0.360	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7439-95-4	Magnesium	10300		mg/kg dry	6.00	6.00	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW



Sample Information

Client Sample ID: SP-5 (2-4)

York Sample ID: 13H1049-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	471		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-02-0	Nickel	22.8		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-09-7	Potassium	1540		mg/kg dry	6.00	6.00	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7782-49-2	Selenium	3.23		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-22-4	Silver	ND		mg/kg dry	0.600	0.600	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-23-5	Sodium	729		mg/kg dry	12.0	12.0	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-62-2	Vanadium	22.7		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW
7440-66-6	Zinc	2110		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:45	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.416		mg/kg dry	0.000959	0.000959	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 15:06	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.4		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.420	0.600	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	19.9		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
95-63-6	1,2,4-Trimethylbenzene	3.3	J	ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
78-93-3	2-Butanone	21		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
67-64-1	Acetone	750		ug/kg dry	3.0	12	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-09-2	Methylene chloride	3.4	J	ug/kg dry	3.0	12	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
99-87-6	p-Isopropyltoluene	5.9	J	ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
100-42-5	Styrene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
108-88-3	Toluene	13		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.1	1	EPA SW846-8260B	08/30/2013 08:45	08/30/2013 17:32	BK



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
		Acceptance Range									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			72-137						
460-00-4	Surrogate: p-Bromofluorobenzene	99.2 %			72-138						
2037-26-5	Surrogate: Toluene-d8	90.9 %			85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
62-53-3	Aniline	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
120-12-7	Anthracene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
218-01-9	Chrysene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	244	487	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	244	488	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
206-44-0	Fluoranthene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
86-73-7	Fluorene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
78-59-1	Isophorone	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
91-20-3	Naphthalene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	123	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
85-01-8	Phenanthrene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
108-95-2	Phenol	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
129-00-0	Pyrene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
110-86-1	Pyridine	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	61.4	244	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 11:26	SR
	Surrogate Recoveries	Result									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	53.8 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	42.9 %									
367-12-4	Surrogate: 2-Fluorophenol	48.9 %									
4165-60-0	Surrogate: Nitrobenzene-d5	47.0 %									
4165-62-2	Surrogate: Phenol-d5	60.0 %									
1718-51-0	Surrogate: Terphenyl-d14	59.7 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	122	122	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
72-43-5	Methoxychlor	ND		ug/kg dry	12.1	12.1	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
72-20-8	Endrin	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
57-74-9	Chlordane, total	ND		ug/kg dry	9.65	9.65	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
309-00-2	Aldrin	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.41	2.41	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 14:51	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	24.9	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.95	24.9	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:10	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	58.2 %	30-150								
2051-24-3	Surrogate: Decachlorobiphenyl	34.1 %	30-150								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6600		mg/kg dry	1.46	1.46	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-36-0	Antimony	10.6		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-38-2	Arsenic	38.2		mg/kg dry	1.46	1.46	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-39-3	Barium	10300		mg/kg dry	146	146	100	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.146	0.146	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-43-9	Cadmium	4.80		mg/kg dry	0.439	0.439	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-70-2	Calcium	16400		mg/kg dry	0.731	7.31	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-47-3	Chromium	118		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-48-4	Cobalt	1.59		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-50-8	Copper	314		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7439-89-6	Iron	21900		mg/kg dry	2.93	2.93	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7439-92-1	Lead	7910		mg/kg dry	0.439	0.439	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7439-95-4	Magnesium	1780		mg/kg dry	7.31	7.31	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7439-96-5	Manganese	396		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW



Sample Information

Client Sample ID: SP-6 (0-2)

York Sample ID: 13H1049-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	22.7		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-09-7	Potassium	1220		mg/kg dry	7.31	7.31	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7782-49-2	Selenium	2.68		mg/kg dry	1.46	1.46	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-22-4	Silver	ND		mg/kg dry	0.731	0.731	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-23-5	Sodium	456		mg/kg dry	14.6	14.6	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-28-0	Thallium	ND		mg/kg dry	1.46	1.46	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-62-2	Vanadium	25.9		mg/kg dry	1.46	1.46	1	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW
7440-66-6	Zinc	24500		mg/kg dry	146	146	100	EPA SW846-6010B	08/29/2013 15:53	08/29/2013 23:50	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.164		mg/kg dry	0.00117	0.00117	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 15:32	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	68.4		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.512	0.731	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	118		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
67-64-1	Acetone	7.3	J	ug/kg dry	2.3	9.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS



Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-09-2	Methylene chloride	2.6	J	ug/kg dry	2.3	9.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS



Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:14	SS
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.2 %									
460-00-4	Surrogate: p-Bromofluorobenzene	110 %									
2037-26-5	Surrogate: Toluene-d8	102 %									
					Acceptance Range						
					72-137						
					72-138						
					85-118						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
62-53-3	Aniline	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
120-12-7	Anthracene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
218-01-9	Chrysene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB



Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	202	402	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	202	403	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
206-44-0	Fluoranthene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
86-73-7	Fluorene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
78-59-1	Isophorone	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
91-20-3	Naphthalene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB



Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	102	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
85-01-8	Phenanthrene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
108-95-2	Phenol	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
129-00-0	Pyrene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
110-86-1	Pyridine	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.8	201	1	EPA SW-846 8270C	08/30/2013 04:35	08/30/2013 20:12	RB
	Surrogate Recoveries	Result			Acceptance Range						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	89.1 %			10-142						
321-60-8	Surrogate: 2-Fluorobiphenyl	38.4 %			10-111						
367-12-4	Surrogate: 2-Fluorophenol	33.4 %			10-109						
4165-60-0	Surrogate: Nitrobenzene-d5	46.5 %			10-148						
4165-62-2	Surrogate: Phenol-d5	42.6 %			10-124						
1718-51-0	Surrogate: Terphenyl-d14	59.9 %			10-147						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.97	9.97	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW



Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.98	7.98	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:06	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.22	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 16:43	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.2 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	54.3 %			30-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8540		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-36-0	Antimony	1.37		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-38-2	Arsenic	6.04		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-39-3	Barium	1550		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.363	0.363	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-70-2	Calcium	4380		mg/kg dry	0.604	6.04	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-47-3	Chromium	31.7		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-48-4	Cobalt	7.40		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-50-8	Copper	136		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7439-89-6	Iron	22100		mg/kg dry	2.42	2.42	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW



Sample Information

Client Sample ID: SP-6 (2-4)

York Sample ID: 13H1049-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	949		mg/kg dry	0.363	0.363	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7439-95-4	Magnesium	2410		mg/kg dry	6.04	6.04	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7439-96-5	Manganese	329		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-02-0	Nickel	19.3		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-09-7	Potassium	1440		mg/kg dry	6.04	6.04	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7782-49-2	Selenium	2.65		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-22-4	Silver	ND		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-23-5	Sodium	245		mg/kg dry	12.1	12.1	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-62-2	Vanadium	32.7		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW
7440-66-6	Zinc	626		mg/kg dry	1.21	1.21	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:10	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0384		mg/kg dry	0.000967	0.000967	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 15:58	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.7		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.423	0.604	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	31.7		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-7 (0-2)

York Sample ID: 13H1049-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013



Sample Information

Client Sample ID: SP-7 (0-2)

York Sample ID: 13H1049-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
78-93-3	2-Butanone	3.2	J	ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
67-64-1	Acetone	21		ug/kg dry	3.0	12	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS



Sample Information

Client Sample ID: SP-7 (0-2)

York Sample ID: 13H1049-13

York Project (SDG) No.

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130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-09-2	Methylene chloride	4.2	J	ug/kg dry	3.0	12	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
99-87-6	p-Isopropyltoluene	26		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS



Sample Information

Client Sample ID: SP-7 (0-2)

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130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 05:49	SS
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %									
460-00-4	Surrogate: p-Bromofluorobenzene	117 %									
2037-26-5	Surrogate: Toluene-d8	114 %									

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
62-53-3	Aniline	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
120-12-7	Anthracene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
218-01-9	Chrysene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR



Sample Information

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130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	201	401	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	201	401	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
206-44-0	Fluoranthene	69.8	J	ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
86-73-7	Fluorene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
78-59-1	Isophorone	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.6	201	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 14:34	SR



Sample Information

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130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various compounds like N-Nitrosodimethylamine, Pyrene, and Surrogate Recoveries.

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Toxaphene, Heptachlor, Endosulfan, and Chlordane.



Sample Information

Client Sample ID: SP-7 (0-2)

York Sample ID: 13H1049-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:22	JW
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:22	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:22	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:22	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:22	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.19	20.5	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:15	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.4 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	54.2 %			30-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5710		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-36-0	Antimony	2.81		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-38-2	Arsenic	13.2		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-39-3	Barium	1110		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-43-9	Cadmium	1.58		mg/kg dry	0.361	0.361	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-70-2	Calcium	11200		mg/kg dry	0.602	6.02	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-47-3	Chromium	34.7		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-48-4	Cobalt	6.04		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-50-8	Copper	46.2		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7439-89-6	Iron	15700		mg/kg dry	2.41	2.41	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7439-92-1	Lead	1220		mg/kg dry	0.361	0.361	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7439-95-4	Magnesium	2960		mg/kg dry	6.02	6.02	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7439-96-5	Manganese	307		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW



Sample Information

Client Sample ID: SP-7 (0-2)

York Sample ID: 13H1049-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	22.9		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-09-7	Potassium	837		mg/kg dry	6.02	6.02	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7782-49-2	Selenium	2.89		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-22-4	Silver	ND		mg/kg dry	0.602	0.602	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-23-5	Sodium	447		mg/kg dry	12.0	12.0	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-62-2	Vanadium	20.6		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW
7440-66-6	Zinc	2360		mg/kg dry	1.20	1.20	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:15	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.504		mg/kg dry	0.000963	0.000963	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 18:22	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.1		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.421	0.602	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	34.7		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS

Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

Client Project ID

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
67-64-1	Acetone	24		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS



Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-09-2	Methylene chloride	3.0	J	ug/kg dry	2.7	11	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
99-87-6	p-Isopropyltoluene	130		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS



Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

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Collection Date/Time

Date Received

13H1049

130222-28-46 Roebing St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/29/2013 12:23	08/30/2013 06:24	SS
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.0 %									
460-00-4	Surrogate: p-Bromofluorobenzene	109 %									
2037-26-5	Surrogate: Toluene-d8	105 %									

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
62-53-3	Aniline	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
120-12-7	Anthracene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
218-01-9	Chrysene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR



Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	204	407	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	204	407	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
206-44-0	Fluoranthene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
86-73-7	Fluorene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
78-59-1	Isophorone	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
91-20-3	Naphthalene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR



Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	103	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
85-01-8	Phenanthrene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
108-95-2	Phenol	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
129-00-0	Pyrene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
110-86-1	Pyridine	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.3	204	1	EPA SW-846 8270C	08/30/2013 04:35	09/03/2013 15:05	SR
	Surrogate Recoveries	Result			Acceptance Range						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	83.8 %			10-142						
321-60-8	Surrogate: 2-Fluorobiphenyl	59.3 %			10-111						
367-12-4	Surrogate: 2-Fluorophenol	66.7 %			10-109						
4165-60-0	Surrogate: Nitrobenzene-d5	69.5 %			10-148						
4165-62-2	Surrogate: Phenol-d5	78.6 %			10-124						
1718-51-0	Surrogate: Terphenyl-d14	75.1 %			10-147						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
72-20-8	Endrin	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW



Sample Information

Client Sample ID: SP-7 (2-4)

York Sample ID: 13H1049-14

York Project (SDG) No.

Client Project ID

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.06	8.06	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
309-00-2	Aldrin	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.01	2.01	5	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 15:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.30	20.8	1	EPA SW 846-8081/8082	08/29/2013 14:37	08/30/2013 17:47	JW
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	62.2 %	30-150								
2051-24-3	Surrogate: Decachlorobiphenyl	66.4 %	30-150								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10300		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-36-0	Antimony	ND		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-38-2	Arsenic	3.44		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-39-3	Barium	166		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.366	0.366	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-70-2	Calcium	16800		mg/kg dry	0.611	6.11	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-47-3	Chromium	20.4		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-48-4	Cobalt	8.76		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-50-8	Copper	23.6		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7439-89-6	Iron	24600		mg/kg dry	2.44	2.44	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW



Sample Information

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13H1049

130222-28-46 Roebling St, Brooklyn, NY

Soil

August 26, 2013 3:00 pm

08/28/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	138		mg/kg dry	0.366	0.366	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7439-95-4	Magnesium	8070		mg/kg dry	6.11	6.11	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7439-96-5	Manganese	721		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-02-0	Nickel	18.8		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-09-7	Potassium	1620		mg/kg dry	6.11	6.11	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7782-49-2	Selenium	2.05		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-22-4	Silver	ND		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-23-5	Sodium	419		mg/kg dry	12.2	12.2	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-62-2	Vanadium	32.4		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW
7440-66-6	Zinc	377		mg/kg dry	1.22	1.22	1	EPA SW846-6010B	08/29/2013 15:53	08/30/2013 00:22	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.451		mg/kg dry	0.000977	0.000977	1	EPA SW846-7473	09/03/2013 09:30	09/03/2013 18:31	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	81.9		%	0.100	0.100	1	SM 2540G	08/29/2013 15:58	08/30/2013 13:35	BGS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.427	0.611	1	SW846-7196A	08/29/2013 15:54	08/30/2013 15:40	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	20.4		mg/kg	0.250	0.500	1	CALCULATION	08/30/2013 15:46	08/30/2013 15:53	BGS



Analytical Batch Summary

Batch ID: BH31394

Preparation Method: EPA 3550B

Prepared By: SA

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	08/29/13
13H1049-02	SP-1 (2-4)	08/29/13
13H1049-03	SP-2 (0-2)	08/29/13
13H1049-04	SP-2 (2-4)	08/29/13
13H1049-05	SP-3 (0-2)	08/29/13
13H1049-06	SP-3 (2-4)	08/29/13
13H1049-07	SP-4 (0-2)	08/29/13
13H1049-08	SP-4 (2-4)	08/29/13
13H1049-09	SP-5 (0-2)	08/29/13
13H1049-10	SP-5 (2-4)	08/29/13
13H1049-11	SP-6 (0-2)	08/29/13
13H1049-12	SP-6 (2-4)	08/29/13
13H1049-13	SP-7 (0-2)	08/29/13
13H1049-14	SP-7 (2-4)	08/29/13
BH31394-BLK1	Blank	08/29/13
BH31394-BS1	LCS	08/29/13
BH31394-BS2	LCS	08/29/13
BH31394-BSD1	LCS Dup	08/29/13
BH31394-MS1	Matrix Spike	08/29/13

Batch ID: BH31404

Preparation Method: EPA 3050B

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	08/29/13
13H1049-02	SP-1 (2-4)	08/29/13
13H1049-03	SP-2 (0-2)	08/29/13
13H1049-04	SP-2 (2-4)	08/29/13
13H1049-05	SP-3 (0-2)	08/29/13
13H1049-06	SP-3 (2-4)	08/29/13
13H1049-07	SP-4 (0-2)	08/29/13
13H1049-08	SP-4 (2-4)	08/29/13
13H1049-09	SP-5 (0-2)	08/29/13
13H1049-10	SP-5 (2-4)	08/29/13
13H1049-11	SP-6 (0-2)	08/29/13
13H1049-12	SP-6 (2-4)	08/29/13
13H1049-13	SP-7 (0-2)	08/29/13
13H1049-14	SP-7 (2-4)	08/29/13
BH31404-BLK1	Blank	08/29/13
BH31404-DUP1	Duplicate	08/29/13
BH31404-MS1	Matrix Spike	08/29/13
BH31404-SRM1	Reference	08/29/13

Batch ID: BH31406

Preparation Method: EPA SW846-3060

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	08/29/13



13H1049-02	SP-1 (2-4)	08/29/13
13H1049-03	SP-2 (0-2)	08/29/13
13H1049-04	SP-2 (2-4)	08/29/13
13H1049-05	SP-3 (0-2)	08/29/13
13H1049-06	SP-3 (2-4)	08/29/13
13H1049-07	SP-4 (0-2)	08/29/13
13H1049-08	SP-4 (2-4)	08/29/13
13H1049-09	SP-5 (0-2)	08/29/13
13H1049-10	SP-5 (2-4)	08/29/13
13H1049-11	SP-6 (0-2)	08/29/13
13H1049-12	SP-6 (2-4)	08/29/13
13H1049-13	SP-7 (0-2)	08/29/13
13H1049-14	SP-7 (2-4)	08/29/13
BH31406-BLK1	Blank	08/29/13
BH31406-SRM1	Reference	08/29/13

Batch ID: BH31407 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-07	SP-4 (0-2)	08/29/13
13H1049-08	SP-4 (2-4)	08/29/13
13H1049-09	SP-5 (0-2)	08/29/13
13H1049-10	SP-5 (2-4)	08/29/13
13H1049-11	SP-6 (0-2)	08/29/13
13H1049-12	SP-6 (2-4)	08/29/13
13H1049-13	SP-7 (0-2)	08/29/13
13H1049-14	SP-7 (2-4)	08/29/13

Batch ID: BH31410 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	08/29/13
13H1049-02	SP-1 (2-4)	08/29/13
13H1049-03	SP-2 (0-2)	08/29/13
13H1049-06	SP-3 (2-4)	08/29/13
13H1049-07	SP-4 (0-2)	08/29/13
13H1049-08	SP-4 (2-4)	08/29/13
13H1049-10	SP-5 (2-4)	08/29/13
13H1049-12	SP-6 (2-4)	08/29/13
13H1049-13	SP-7 (0-2)	08/29/13
13H1049-14	SP-7 (2-4)	08/29/13
BH31410-BLK1	Blank	08/29/13
BH31410-BS1	LCS	08/29/13
BH31410-BSD1	LCS Dup	08/29/13
BH31410-MS1	Matrix Spike	08/29/13

Batch ID: BH31422 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	08/30/13
13H1049-02	SP-1 (2-4)	08/30/13



13H1049-03	SP-2 (0-2)	08/30/13
13H1049-04	SP-2 (2-4)	08/30/13
13H1049-05	SP-3 (0-2)	08/30/13
13H1049-06	SP-3 (2-4)	08/30/13
13H1049-07	SP-4 (0-2)	08/30/13
13H1049-08	SP-4 (2-4)	08/30/13
13H1049-09	SP-5 (0-2)	08/30/13
13H1049-10	SP-5 (2-4)	08/30/13
13H1049-11	SP-6 (0-2)	08/30/13
13H1049-12	SP-6 (2-4)	08/30/13
13H1049-13	SP-7 (0-2)	08/30/13
13H1049-14	SP-7 (2-4)	08/30/13
BH31422-BLK1	Blank	08/30/13
BH31422-BS1	LCS	08/30/13
BH31422-BSD1	LCS Dup	08/30/13

Batch ID: BH31427 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01RE1	SP-1 (0-2)	08/30/13
13H1049-04	SP-2 (2-4)	08/30/13
13H1049-05	SP-3 (0-2)	08/30/13
13H1049-09	SP-5 (0-2)	08/30/13
13H1049-11	SP-6 (0-2)	08/30/13
BH31427-BLK1	Blank	08/30/13
BH31427-BS1	LCS	08/30/13
BH31427-BSD1	LCS Dup	08/30/13

Batch ID: BH31471 **Preparation Method:** EPA SW846-3060 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	08/30/13
13H1049-02	SP-1 (2-4)	08/30/13
13H1049-03	SP-2 (0-2)	08/30/13
13H1049-04	SP-2 (2-4)	08/30/13
13H1049-05	SP-3 (0-2)	08/30/13
13H1049-06	SP-3 (2-4)	08/30/13
13H1049-07	SP-4 (0-2)	08/30/13
13H1049-08	SP-4 (2-4)	08/30/13
13H1049-09	SP-5 (0-2)	08/30/13
13H1049-10	SP-5 (2-4)	08/30/13
13H1049-11	SP-6 (0-2)	08/30/13
13H1049-12	SP-6 (2-4)	08/30/13
13H1049-13	SP-7 (0-2)	08/30/13
13H1049-14	SP-7 (2-4)	08/30/13

Batch ID: BI30014 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-05	SP-3 (0-2)	09/03/13
13H1049-06	SP-3 (2-4)	09/03/13



Batch ID: BI30020

Preparation Method: EPA 7473 soil

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	09/03/13
13H1049-02	SP-1 (2-4)	09/03/13
13H1049-03	SP-2 (0-2)	09/03/13
13H1049-04	SP-2 (2-4)	09/03/13
13H1049-05	SP-3 (0-2)	09/03/13
13H1049-06	SP-3 (2-4)	09/03/13
13H1049-07	SP-4 (0-2)	09/03/13
13H1049-08	SP-4 (2-4)	09/03/13
13H1049-09	SP-5 (0-2)	09/03/13
13H1049-10	SP-5 (2-4)	09/03/13
13H1049-11	SP-6 (0-2)	09/03/13
13H1049-12	SP-6 (2-4)	09/03/13
13H1049-13	SP-7 (0-2)	09/03/13
13H1049-14	SP-7 (2-4)	09/03/13
BI30020-BLK1	Blank	09/03/13
BI30020-DUP1	Duplicate	09/03/13
BI30020-MS1	Matrix Spike	09/03/13
BI30020-SRM1	Reference	09/03/13

Batch ID: BI30026

Preparation Method: % Solids Prep

Prepared By: AD

YORK Sample ID	Client Sample ID	Preparation Date
13H1049-01	SP-1 (0-2)	09/03/13
13H1049-02	SP-1 (2-4)	09/03/13
13H1049-03	SP-2 (0-2)	09/03/13
13H1049-04	SP-2 (2-4)	09/03/13



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31410 - EPA 5035A

Blank (BH31410-BLK1)

Prepared & Analyzed: 08/29/2013

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31410 - EPA 5035A

Blank (BH31410-BLK1)

Prepared & Analyzed: 08/29/2013

o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	47.6		ug/L	50.0		95.1	72-137				
Surrogate: p-Bromofluorobenzene	51.4		"	50.0		103	72-138				
Surrogate: Toluene-d8	51.0		"	50.0		102	85-118				

LCS (BH31410-BS1)

Prepared & Analyzed: 08/29/2013

1,1,1,2-Tetrachloroethane	55		ug/L	50.0		111	91-113				
1,1,1-Trichloroethane	46		"	50.0		91.0	76-135				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		95.7	68-144				
1,1,2-Trichloroethane	53		"	50.0		106	82-114				
1,1-Dichloroethane	47		"	50.0		94.5	80-119				
1,1-Dichloroethylene	41		"	50.0		82.1	58-139				
1,1-Dichloropropylene	44		"	50.0		87.9	75-117				
1,2,3-Trichlorobenzene	53		"	50.0		106	72-133				
1,2,3-Trichloropropane	50		"	50.0		99.1	82-117				
1,2,4-Trichlorobenzene	53		"	50.0		106	69-135				
1,2,4-Trimethylbenzene	49		"	50.0		98.7	82-116				
1,2-Dibromo-3-chloropropane	57		"	50.0		113	72-131				
1,2-Dibromoethane	55		"	50.0		110	86-114				
1,2-Dichlorobenzene	53		"	50.0		105	85-114				
1,2-Dichloroethane	46		"	50.0		91.1	72-136				
1,2-Dichloropropane	53		"	50.0		106	79-119				
1,3,5-Trimethylbenzene	49		"	50.0		98.5	86-114				
1,3-Dichlorobenzene	49		"	50.0		98.7	84-114				
1,3-Dichloropropane	52		"	50.0		103	82-117				
1,4-Dichlorobenzene	51		"	50.0		102	82-116				
1,4-Dioxane	1300		"	1000		126	10-208				
2,2-Dichloropropane	42		"	50.0		83.8	44-148				
2-Butanone	40		"	50.0		80.9	60-129				
2-Chlorotoluene	49		"	50.0		98.7	82-114				
4-Chlorotoluene	49		"	50.0		98.7	82-117				
Acetone	25		"	50.0		49.8	26-119				
Benzene	45		"	50.0		90.9	81-117				
Bromobenzene	50		"	50.0		100	85-114				
Bromochloromethane	48		"	50.0		95.9	79-118				
Bromodichloromethane	51		"	50.0		101	88-123				
Bromoform	55		"	50.0		110	85-122				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	
		Limit								Units	Level

Batch BH31410 - EPA 5035A

LCS (BH31410-BS1)

Prepared & Analyzed: 08/29/2013

Bromomethane	41		ug/L	50.0		81.1	43-137				
Carbon tetrachloride	47		"	50.0		93.6	79-135				
Chlorobenzene	53		"	50.0		106	87-112				
Chloroethane	42		"	50.0		84.8	60-132				
Chloroform	49		"	50.0		98.1	80-126				
Chloromethane	40		"	50.0		80.2	36-133				
cis-1,2-Dichloroethylene	46		"	50.0		91.4	80-119				
cis-1,3-Dichloropropylene	54		"	50.0		108	87-125				
Dibromochloromethane	56		"	50.0		113	86-128				
Dibromomethane	54		"	50.0		109	85-121				
Dichlorodifluoromethane	31		"	50.0		62.6	10-156				
Ethyl Benzene	54		"	50.0		108	88-117				
Hexachlorobutadiene	54		"	50.0		108	82-129				
Isopropylbenzene	49		"	50.0		97.1	84-116				
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.4	58-137				
Methylene chloride	45		"	50.0		90.9	47-140				
Naphthalene	54		"	50.0		108	65-143				
n-Butylbenzene	51		"	50.0		102	79-119				
n-Propylbenzene	49		"	50.0		97.1	82-116				
o-Xylene	52		"	50.0		104	88-111				
p- & m- Xylenes	100		"	100		100	86-117				
p-Isopropyltoluene	50		"	50.0		100	84-120				
sec-Butylbenzene	50		"	50.0		99.9	85-119				
Styrene	56		"	50.0		111	85-119				
tert-Butylbenzene	49		"	50.0		97.1	84-119				
Tetrachloroethylene	53		"	50.0		107	74-127				
Toluene	50		"	50.0		100	83-114				
trans-1,2-Dichloroethylene	45		"	50.0		89.3	68-131				
trans-1,3-Dichloropropylene	52		"	50.0		104	81-127				
Trichloroethylene	54		"	50.0		107	84-118				
Trichlorofluoromethane	42		"	50.0		83.5	59-148				
Vinyl Chloride	42		"	50.0		83.8	46-133				
Vinyl acetate	12		"	50.0		24.0	10-84				
<hr/>											
Surrogate: 1,2-Dichloroethane-d4	47.7		"	50.0		95.4	72-137				
Surrogate: p-Bromofluorobenzene	52.4		"	50.0		105	72-138				
Surrogate: Toluene-d8	52.3		"	50.0		105	85-118				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31410 - EPA 5035A											
LCS Dup (BH31410-BSD1)											
Prepared & Analyzed: 08/29/2013											
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	91-113		4.01		30
1,1,1-Trichloroethane	46		"	50.0		91.2	76-135		0.241		30
1,1,2,2-Tetrachloroethane	56		"	50.0		112	82-119		5.65		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.7	68-144		2.13		30
1,1,2-Trichloroethane	51		"	50.0		103	82-114		3.10		30
1,1-Dichloroethane	46		"	50.0		91.1	80-119		3.71		30
1,1-Dichloroethylene	41		"	50.0		81.7	58-139		0.464		30
1,1-Dichloropropylene	41		"	50.0		82.7	75-117		6.10		30
1,2,3-Trichlorobenzene	56		"	50.0		111	72-133		4.71		30
1,2,3-Trichloropropane	53		"	50.0		106	82-117		6.31		30
1,2,4-Trichlorobenzene	56		"	50.0		111	69-135		5.02		30
1,2,4-Trimethylbenzene	53		"	50.0		106	82-116		7.08		30
1,2-Dibromo-3-chloropropane	59		"	50.0		117	72-131		3.33		30
1,2-Dibromoethane	55		"	50.0		110	86-114		0.382		30
1,2-Dichlorobenzene	54		"	50.0		107	85-114		1.99		30
1,2-Dichloroethane	47		"	50.0		94.2	72-136		3.37		30
1,2-Dichloropropane	51		"	50.0		102	79-119		3.77		30
1,3,5-Trimethylbenzene	54		"	50.0		107	86-114		8.35		30
1,3-Dichlorobenzene	54		"	50.0		108	84-114		9.02		30
1,3-Dichloropropane	49		"	50.0		97.3	82-117		6.04		30
1,4-Dichlorobenzene	53		"	50.0		106	82-116		3.35		30
1,4-Dioxane	1100		"	1000		114	10-208		10.4		30
2,2-Dichloropropane	42		"	50.0		83.5	44-148		0.406		30
2-Butanone	40		"	50.0		80.2	60-129		0.918		30
2-Chlorotoluene	51		"	50.0		102	82-114		3.56		30
4-Chlorotoluene	52		"	50.0		104	82-117		4.98		30
Acetone	23		"	50.0		46.7	26-119		6.47		30
Benzene	46		"	50.0		92.2	81-117		1.35		30
Bromobenzene	52		"	50.0		104	85-114		3.41		30
Bromochloromethane	47		"	50.0		94.3	79-118		1.77		30
Bromodichloromethane	50		"	50.0		101	88-123		0.395		30
Bromoform	58		"	50.0		115	85-122		4.45		30
Bromomethane	43		"	50.0		85.5	43-137		5.23		30
Carbon tetrachloride	46		"	50.0		92.2	79-135		1.59		30
Chlorobenzene	52		"	50.0		104	87-112		2.33		30
Chloroethane	43		"	50.0		86.5	60-132		2.01		30
Chloroform	47		"	50.0		93.2	80-126		5.16		30
Chloromethane	39		"	50.0		78.4	36-133		2.35		30
cis-1,2-Dichloroethylene	48		"	50.0		96.5	80-119		5.47		30
cis-1,3-Dichloropropylene	51		"	50.0		101	87-125		6.34		30
Dibromochloromethane	54		"	50.0		109	86-128		3.45		30
Dibromomethane	52		"	50.0		103	85-121		5.35		30
Dichlorodifluoromethane	30		"	50.0		59.6	10-156		4.88		30
Ethyl Benzene	51		"	50.0		102	88-117		6.55		30
Hexachlorobutadiene	56		"	50.0		113	82-129		4.18		30
Isopropylbenzene	54		"	50.0		107	84-116		9.77		30
Methyl tert-butyl ether (MTBE)	45		"	50.0		89.1	58-137		4.69		30
Methylene chloride	46		"	50.0		91.6	47-140		0.723		30
Naphthalene	56		"	50.0		113	65-143		3.87		30
n-Butylbenzene	51		"	50.0		102	79-119		0.0197		30
n-Propylbenzene	54		"	50.0		107	82-116		9.89		30



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31410 - EPA 5035A

LCS Dup (BH31410-BSD1)

Prepared & Analyzed: 08/29/2013

o-Xylene	51		ug/L	50.0		101	88-111		3.08	30	
p- & m- Xylenes	96		"	100		96.2	86-117		4.17	30	
p-Isopropyltoluene	54		"	50.0		108	84-120		6.82	30	
sec-Butylbenzene	56		"	50.0		112	85-119		11.0	30	
Styrene	56		"	50.0		112	85-119		0.521	30	
tert-Butylbenzene	53		"	50.0		106	84-119		9.01	30	
Tetrachloroethylene	53		"	50.0		105	74-127		1.53	30	
Toluene	51		"	50.0		102	83-114		1.54	30	
trans-1,2-Dichloroethylene	43		"	50.0		86.9	68-131		2.72	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	81-127		0.116	30	
Trichloroethylene	51		"	50.0		101	84-118		5.89	30	
Trichlorofluoromethane	42		"	50.0		83.5	59-148		0.0239	30	
Vinyl Chloride	40		"	50.0		80.9	46-133		3.55	30	
Vinyl acetate	11		"	50.0		22.6	10-84		6.00	30	
Surrogate: 1,2-Dichloroethane-d4	46.8		"	50.0		93.6	72-137				
Surrogate: p-Bromofluorobenzene	55.2		"	50.0		110	72-138				
Surrogate: Toluene-d8	52.8		"	50.0		106	85-118				

Matrix Spike (BH31410-MS1)

*Source sample: 13H1049-03 (SP-2 (0-2))

Prepared: 08/29/2013 Analyzed: 08/30/2013

1,1,1,2-Tetrachloroethane	46		ug/L	50.0	ND	91.0	34-152				
1,1,1-Trichloroethane	45		"	50.0	2.5	84.7	49-148				
1,1,2,2-Tetrachloroethane	53		"	50.0	ND	105	17-159				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36		"	50.0	ND	71.3	32-139				
1,1,2-Trichloroethane	47		"	50.0	ND	94.5	50-139				
1,1-Dichloroethane	58		"	50.0	14	89.5	54-140				
1,1-Dichloroethylene	32		"	50.0	ND	64.0	32-149				
1,1-Dichloropropylene	27		"	50.0	ND	54.1	41-123				
1,2,3-Trichlorobenzene	9.6		"	50.0	ND	19.2	10-126				
1,2,3-Trichloropropane	57		"	50.0	ND	114	38-147				
1,2,4-Trichlorobenzene	9.0		"	50.0	ND	17.9	10-121				
1,2,4-Trimethylbenzene	30		"	50.0	ND	60.5	13-136				
1,2-Dibromo-3-chloropropane	41		"	50.0	ND	81.2	10-166				
1,2-Dibromoethane	37		"	50.0	ND	74.9	58-124				
1,2-Dichlorobenzene	25		"	50.0	ND	49.2	20-126				
1,2-Dichloroethane	38		"	50.0	ND	75.7	58-139				
1,2-Dichloropropane	50		"	50.0	ND	101	50-142				
1,3,5-Trimethylbenzene	32		"	50.0	ND	65.0	31-128				
1,3-Dichlorobenzene	21		"	50.0	ND	42.3	24-120				
1,3-Dichloropropane	41		"	50.0	ND	82.8	61-124				
1,4-Dichlorobenzene	19		"	50.0	ND	37.8	14-124				
1,4-Dioxane	1400		"	1000	ND	142	33-178				
2,2-Dichloropropane	34		"	50.0	ND	68.2	10-165				
2-Butanone	39		"	50.0	ND	78.8	37-133				
2-Chlorotoluene	32		"	50.0	ND	63.5	23-130				
4-Chlorotoluene	24		"	50.0	ND	48.5	20-129				
Acetone	27		"	50.0	1.8	50.3	17-123				
Benzene	39		"	50.0	ND	78.8	57-128				
Bromobenzene	33		"	50.0	ND	65.0	30-133				
Bromochloromethane	36		"	50.0	ND	72.7	68-120				
Bromodichloromethane	46		"	50.0	ND	91.4	54-144				
Bromoform	55		"	50.0	ND	110	36-143				
Bromomethane	31		"	50.0	ND	61.4	23-127				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BH31410 - EPA 5035A

Matrix Spike (BH31410-MS1)	*Source sample: 13H1049-03 (SP-2 (0-2))				Prepared: 08/29/2013 Analyzed: 08/30/2013								
Carbon tetrachloride	39		ug/L	50.0	ND	77.6	42-146						
Chlorobenzene	29		"	50.0	ND	58.3	39-127						
Chloroethane	37		"	50.0	ND	73.7	52-132						
Chloroform	43		"	50.0	ND	85.6	61-135						
Chloromethane	34		"	50.0	ND	68.5	32-135						
cis-1,2-Dichloroethylene	32		"	50.0	ND	64.8	60-126						
cis-1,3-Dichloropropylene	33		"	50.0	ND	66.2	48-132						
Dibromochloromethane	44		"	50.0	ND	87.8	44-145						
Dibromomethane	39		"	50.0	ND	78.2	67-129						
Dichlorodifluoromethane	23		"	50.0	ND	45.4	10-131						
Ethyl Benzene	32		"	50.0	ND	64.3	37-133						
Hexachlorobutadiene	7.9		"	50.0	ND	15.8	10-126						
Isopropylbenzene	40		"	50.0	ND	79.2	34-133						
Methyl tert-butyl ether (MTBE)	49		"	50.0	ND	98.9	50-146						
Methylene chloride	42		"	50.0	1.1	82.4	21-163						
Naphthalene	13		"	50.0	1.4	23.8	10-140						
n-Butylbenzene	17		"	50.0	ND	33.0	10-123						
n-Propylbenzene	30		"	50.0	ND	60.3	30-121						
o-Xylene	32		"	50.0	ND	64.5	37-131						
p- & m- Xylenes	56		"	100	ND	55.9	34-131						
p-Isopropyltoluene	31		"	50.0	ND	61.1	19-122						
sec-Butylbenzene	28		"	50.0	0.65	54.9	19-133						
Styrene	24		"	50.0	ND	48.2	20-138						
tert-Butylbenzene	33		"	50.0	ND	66.0	10-141						
Tetrachloroethylene	49		"	50.0	ND	97.6	27-163						
Toluene	35		"	50.0	ND	70.7	46-129						
trans-1,2-Dichloroethylene	27		"	50.0	ND	54.6	42-133						
trans-1,3-Dichloropropylene	26		"	50.0	ND	52.6	37-135						
Trichloroethylene	37		"	50.0	ND	74.6	55-135						
Trichlorofluoromethane	36		"	50.0	ND	71.8	40-142						
Vinyl Chloride	32		"	50.0	ND	63.8	30-137						
Vinyl acetate	0.0		"	50.0	ND	10-62			Low Bias				
Surrogate: 1,2-Dichloroethane-d4	50.3		"	50.0		101	72-137						
Surrogate: p-Bromofluorobenzene	59.0		"	50.0		118	72-138						
Surrogate: Toluene-d8	55.0		"	50.0		110	85-118						



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31427 - EPA 5035A

Blank (BH31427-BLK1)

Prepared & Analyzed: 08/30/2013

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31427 - EPA 5035A

Blank (BH31427-BLK1)

Prepared & Analyzed: 08/30/2013

o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	51.0		ug/L	50.0		102	72-137				
Surrogate: p-Bromofluorobenzene	49.5		"	50.0		99.0	72-138				
Surrogate: Toluene-d8	45.9		"	50.0		91.8	85-118				

LCS (BH31427-BS1)

Prepared & Analyzed: 08/30/2013

1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	91-113				
1,1,1-Trichloroethane	52		"	50.0		105	76-135				
1,1,2,2-Tetrachloroethane	47		"	50.0		94.1	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.4	68-144				
1,1,2-Trichloroethane	48		"	50.0		95.9	82-114				
1,1-Dichloroethane	49		"	50.0		98.9	80-119				
1,1-Dichloroethylene	43		"	50.0		86.2	58-139				
1,1-Dichloropropylene	48		"	50.0		95.1	75-117				
1,2,3-Trichlorobenzene	55		"	50.0		110	72-133				
1,2,3-Trichloropropane	49		"	50.0		98.2	82-117				
1,2,4-Trichlorobenzene	56		"	50.0		111	69-135				
1,2,4-Trimethylbenzene	48		"	50.0		95.8	82-116				
1,2-Dibromo-3-chloropropane	50		"	50.0		100	72-131				
1,2-Dibromoethane	52		"	50.0		104	86-114				
1,2-Dichlorobenzene	48		"	50.0		95.9	85-114				
1,2-Dichloroethane	53		"	50.0		107	72-136				
1,2-Dichloropropane	43		"	50.0		86.4	79-119				
1,3,5-Trimethylbenzene	47		"	50.0		94.5	86-114				
1,3-Dichlorobenzene	50		"	50.0		100	84-114				
1,3-Dichloropropane	47		"	50.0		95.0	82-117				
1,4-Dichlorobenzene	50		"	50.0		99.3	82-116				
1,4-Dioxane	72		"	1000		7.19	10-208	Low Bias			
2,2-Dichloropropane	52		"	50.0		104	44-148				
2-Butanone	56		"	50.0		111	60-129				
2-Chlorotoluene	46		"	50.0		92.0	82-114				
4-Chlorotoluene	45		"	50.0		89.9	82-117				
Acetone	36		"	50.0		71.9	26-119				
Benzene	52		"	50.0		104	81-117				
Bromobenzene	44		"	50.0		88.3	85-114				
Bromochloromethane	47		"	50.0		93.6	79-118				
Bromodichloromethane	49		"	50.0		97.9	88-123				
Bromoform	53		"	50.0		107	85-122				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BH31427 - EPA 5035A

LCS (BH31427-BS1)

Prepared & Analyzed: 08/30/2013

Bromomethane	39		ug/L	50.0		79.0		43-137					
Carbon tetrachloride	61		"	50.0		121		79-135					
Chlorobenzene	50		"	50.0		101		87-112					
Chloroethane	38		"	50.0		76.7		60-132					
Chloroform	53		"	50.0		106		80-126					
Chloromethane	24		"	50.0		48.0		36-133					
cis-1,2-Dichloroethylene	53		"	50.0		105		80-119					
cis-1,3-Dichloropropylene	47		"	50.0		94.8		87-125					
Dibromochloromethane	53		"	50.0		106		86-128					
Dibromomethane	50		"	50.0		99.3		85-121					
Dichlorodifluoromethane	17		"	50.0		34.1		10-156					
Ethyl Benzene	50		"	50.0		100		88-117					
Hexachlorobutadiene	56		"	50.0		112		82-129					
Isopropylbenzene	45		"	50.0		90.9		84-116					
Methyl tert-butyl ether (MTBE)	54		"	50.0		108		58-137					
Methylene chloride	38		"	50.0		75.3		47-140					
Naphthalene	56		"	50.0		112		65-143					
n-Butylbenzene	47		"	50.0		93.1		79-119					
n-Propylbenzene	45		"	50.0		90.7		82-116					
o-Xylene	49		"	50.0		98.0		88-111					
p- & m- Xylenes	98		"	100		97.7		86-117					
p-Isopropyltoluene	51		"	50.0		102		84-120					
sec-Butylbenzene	48		"	50.0		97.0		85-119					
Styrene	51		"	50.0		101		85-119					
tert-Butylbenzene	48		"	50.0		96.3		84-119					
Tetrachloroethylene	55		"	50.0		111		74-127					
Toluene	47		"	50.0		94.9		83-114					
trans-1,2-Dichloroethylene	48		"	50.0		96.3		68-131					
trans-1,3-Dichloropropylene	49		"	50.0		98.3		81-127					
Trichloroethylene	47		"	50.0		94.9		84-118					
Trichlorofluoromethane	49		"	50.0		97.6		59-148					
Vinyl Chloride	30		"	50.0		60.0		46-133					
Vinyl acetate	17		"	50.0		34.3		10-84					
Surrogate: 1,2-Dichloroethane-d4	50.0		"	50.0		100		72-137					
Surrogate: p-Bromofluorobenzene	50.8		"	50.0		102		72-138					
Surrogate: Toluene-d8	47.3		"	50.0		94.6		85-118					



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31427 - EPA 5035A											
LCS Dup (BH31427-bsd1)											
Prepared & Analyzed: 08/30/2013											
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	91-113		1.36		30
1,1,1-Trichloroethane	54		"	50.0		108	76-135		3.34		30
1,1,2,2-Tetrachloroethane	46		"	50.0		91.5	82-119		2.74		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		105	68-144		6.36		30
1,1,2-Trichloroethane	48		"	50.0		96.0	82-114		0.0625		30
1,1-Dichloroethane	50		"	50.0		101	80-119		1.74		30
1,1-Dichloroethylene	45		"	50.0		89.5	58-139		3.82		30
1,1-Dichloropropylene	49		"	50.0		99.0	75-117		4.00		30
1,2,3-Trichlorobenzene	55		"	50.0		110	72-133		0.254		30
1,2,3-Trichloropropane	48		"	50.0		96.0	82-117		2.22		30
1,2,4-Trichlorobenzene	57		"	50.0		113	69-135		1.74		30
1,2,4-Trimethylbenzene	47		"	50.0		94.5	82-116		1.39		30
1,2-Dibromo-3-chloropropane	51		"	50.0		102	72-131		1.95		30
1,2-Dibromoethane	50		"	50.0		100	86-114		3.76		30
1,2-Dichlorobenzene	49		"	50.0		97.4	85-114		1.51		30
1,2-Dichloroethane	52		"	50.0		104	72-136		2.20		30
1,2-Dichloropropane	43		"	50.0		86.9	79-119		0.554		30
1,3,5-Trimethylbenzene	47		"	50.0		93.7	86-114		0.808		30
1,3-Dichlorobenzene	49		"	50.0		98.8	84-114		1.17		30
1,3-Dichloropropane	45		"	50.0		90.5	82-117		4.83		30
1,4-Dichlorobenzene	50		"	50.0		99.0	82-116		0.323		30
1,4-Dioxane	67		"	1000		6.73	10-208	Low Bias	6.59		30
2,2-Dichloropropane	52		"	50.0		104	44-148		0.0193		30
2-Butanone	59		"	50.0		118	60-129		6.15		30
2-Chlorotoluene	45		"	50.0		90.7	82-114		1.49		30
4-Chlorotoluene	44		"	50.0		88.7	82-117		1.34		30
Acetone	40		"	50.0		79.5	26-119		9.98		30
Benzene	52		"	50.0		105	81-117		0.459		30
Bromobenzene	44		"	50.0		88.5	85-114		0.136		30
Bromochloromethane	50		"	50.0		99.3	79-118		5.91		30
Bromodichloromethane	48		"	50.0		97.0	88-123		0.985		30
Bromoform	51		"	50.0		102	85-122		4.28		30
Bromomethane	41		"	50.0		81.9	43-137		3.63		30
Carbon tetrachloride	63		"	50.0		125	79-135		3.34		30
Chlorobenzene	51		"	50.0		102	87-112		1.25		30
Chloroethane	40		"	50.0		80.5	60-132		4.88		30
Chloroform	54		"	50.0		107	80-126		1.22		30
Chloromethane	25		"	50.0		49.6	36-133		3.28		30
cis-1,2-Dichloroethylene	53		"	50.0		106	80-119		0.981		30
cis-1,3-Dichloropropylene	48		"	50.0		96.9	87-125		2.21		30
Dibromochloromethane	52		"	50.0		104	86-128		1.96		30
Dibromomethane	48		"	50.0		96.3	85-121		3.05		30
Dichlorodifluoromethane	16		"	50.0		32.8	10-156		4.13		30
Ethyl Benzene	48		"	50.0		96.8	88-117		3.51		30
Hexachlorobutadiene	57		"	50.0		114	82-129		1.33		30
Isopropylbenzene	46		"	50.0		92.6	84-116		1.92		30
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	58-137		0.111		30
Methylene chloride	38		"	50.0		75.7	47-140		0.556		30
Naphthalene	57		"	50.0		114	65-143		1.32		30
n-Butylbenzene	46		"	50.0		92.9	79-119		0.237		30
n-Propylbenzene	46		"	50.0		91.7	82-116		1.18		30



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31427 - EPA 5035A

LCS Dup (BH31427-BSD1)

Prepared & Analyzed: 08/30/2013

o-Xylene	49		ug/L	50.0		98.3	88-111		0.245	30	
p- & m- Xylenes	98		"	100		97.9	86-117		0.245	30	
p-Isopropyltoluene	51		"	50.0		102	84-120		0.647	30	
sec-Butylbenzene	49		"	50.0		97.0	85-119		0.0412	30	
Styrene	50		"	50.0		100	85-119		1.17	30	
tert-Butylbenzene	48		"	50.0		96.7	84-119		0.415	30	
Tetrachloroethylene	55		"	50.0		110	74-127		0.507	30	
Toluene	48		"	50.0		95.0	83-114		0.0842	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.5	68-131		1.26	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.2	81-127		3.29	30	
Trichloroethylene	47		"	50.0		94.8	84-118		0.105	30	
Trichlorofluoromethane	50		"	50.0		99.6	59-148		1.97	30	
Vinyl Chloride	31		"	50.0		61.5	46-133		2.50	30	
Vinyl acetate	17		"	50.0		33.1	10-84		3.68	30	
Surrogate: 1,2-Dichloroethane-d4	50.2		"	50.0		100	72-137				
Surrogate: p-Bromofluorobenzene	50.1		"	50.0		100	72-138				
Surrogate: Toluene-d8	47.9		"	50.0		95.8	85-118				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31422 - EPA 3550B

Blank (BH31422-BLK1)

Prepared & Analyzed: 08/30/2013

Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
2-Nitroaniline	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,6-Dinitrotoluene	ND	167	"								
2,4-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31422 - EPA 3550B

Blank (BH31422-BLK1)

Prepared & Analyzed: 08/30/2013

3-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
4-Nitrophenol	ND	167	"								
2-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
<i>Surrogate: 2,4,6-Tribromophenol</i>	2980		"	2610		114	10-142				
<i>Surrogate: 2-Fluorobiphenyl</i>	1160		"	1670		69.4	10-111				
<i>Surrogate: 2-Fluorophenol</i>	1450		"	2490		58.3	10-109				
<i>Surrogate: Nitrobenzene-d5</i>	1310		"	1690		77.4	10-148				
<i>Surrogate: Phenol-d5</i>	1530		"	2510		61.1	10-124				
<i>Surrogate: Terphenyl-d14</i>	1200		"	1700		70.3	10-147				

LCS (BH31422-BS1)

Prepared & Analyzed: 08/30/2013

Acenaphthene	1360	167	ug/kg wet	1670		81.7	35-127				
Acenaphthylene	1350	167	"	1670		81.2	37-121				
Aniline	1090	167	"	1670		65.5	10-149				
Anthracene	1280	167	"	1670		76.6	38-131				
Benzo(a)anthracene	1470	167	"	1670		87.9	37-137				
Benzo(a)pyrene	1680	167	"	1670		101	33-162				
Benzo(b)fluoranthene	2290	167	"	1670		137	26-160				
Benzo(g,h,i)perylene	144	167	"	1670		8.66	10-154	Low Bias			
Benzyl alcohol	1240	167	"	1670		74.2	33-124				
Benzo(k)fluoranthene	2180	167	"	1670		131	34-143				
Benzyl butyl phthalate	1170	167	"	1670		70.1	30-143				
4-Bromophenyl phenyl ether	1640	167	"	1670		98.5	35-135				
4-Chloro-3-methylphenol	1580	167	"	1670		94.8	34-133				
4-Chloroaniline	1640	167	"	1670		98.2	17-175				
Bis(2-chloroethoxy)methane	1200	167	"	1670		72.0	31-119				
Bis(2-chloroethyl)ether	1230	167	"	1670		73.9	18-124				
Bis(2-chloroisopropyl)ether	727	167	"	1670		43.6	10-141				
Bis(2-ethylhexyl)phthalate	1060	167	"	1670		63.8	35-137				
2-Chloronaphthalene	1420	167	"	1670		85.2	34-117				
2-Chlorophenol	1300	167	"	1670		78.2	32-123				
4-Chlorophenyl phenyl ether	1520	167	"	1670		91.5	25-142				
Chrysene	1430	167	"	1670		86.1	38-132				
Dibenzo(a,h)anthracene	249	167	"	1670		14.9	14-153				
Dibenzofuran	1390	167	"	1670		83.4	39-123				
Di-n-butyl phthalate	1050	167	"	1670		62.8	35-132				
1,2-Dichlorobenzene	1270	167	"	1670		76.2	22-121				
1,4-Dichlorobenzene	1240	167	"	1670		74.3	20-122				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31422 - EPA 3550B

LCS (BH31422-BS1)

Prepared & Analyzed: 08/30/2013

1,3-Dichlorobenzene	1340	167	ug/kg wet	1670		80.2	22-120				
3,3'-Dichlorobenzidine	2010	333	"	1670		121	16-177				
2,4-Dichlorophenol	1640	167	"	1670		98.3	30-134				
Diethyl phthalate	1500	167	"	1670		89.8	41-125				
2,4-Dimethylphenol	1280	167	"	1670		76.8	33-120				
Dimethyl phthalate	1590	167	"	1670		95.5	39-125				
2-Nitroaniline	1620	167	"	1670		97.5	38-130				
4,6-Dinitro-2-methylphenol	ND	167	"	1670			10-165	Low Bias			
2,4-Dinitrophenol	ND	333	"	1670			53-209	Low Bias			
2,6-Dinitrotoluene	1580	167	"	1670		95.0	42-130				
2,4-Dinitrotoluene	1600	167	"	1670		95.8	41-129				
Di-n-octyl phthalate	2030	167	"	1670		122	19-162				
Fluoranthene	1390	167	"	1670		83.2	35-136				
Fluorene	1390	167	"	1670		83.4	33-134				
Hexachlorobenzene	1490	167	"	1670		89.2	31-139				
Hexachlorobutadiene	2070	167	"	1670		124	19-137				
Hexachlorocyclopentadiene	ND	167	"	1670			10-145	Low Bias			
Hexachloroethane	1030	167	"	1670		61.7	12-125				
Indeno(1,2,3-cd)pyrene	216	167	"	1670		13.0	11-155				
Isophorone	1380	167	"	1670		82.8	30-125				
2-Methylnaphthalene	1340	167	"	1670		80.5	30-125				
2-Methylphenol	1170	167	"	1670		70.2	30-128				
3- & 4-Methylphenols	1140	167	"	1670		68.3	30-120				
Naphthalene	1250	167	"	1670		74.7	28-121				
3-Nitroaniline	1670	167	"	1670		99.9	10-234				
4-Nitroaniline	ND	167	"	1670			10-208	Low Bias			
Nitrobenzene	1440	167	"	1670		86.2	28-118				
4-Nitrophenol	ND	167	"	1670			10-185	Low Bias			
2-Nitrophenol	1450	167	"	1670		87.0	23-129				
N-nitroso-di-n-propylamine	1210	167	"	1670		72.5	21-136				
N-Nitrosodimethylamine	1150	167	"	1670		69.1	10-131				
N-Nitrosodiphenylamine	1590	167	"	1670		95.3	36-163				
Pentachlorophenol	3150	167	"	1670		189	15-182	High Bias			
Phenanthrene	1280	167	"	1670		76.6	37-132				
Phenol	1050	167	"	1670		62.8	28-124				
Pyrene	1360	167	"	1670		81.7	30-147				
Pyridine	818	167	"	1670		49.1	10-113				
1,2,4-Trichlorobenzene	1590	167	"	1670		95.6	22-129				
2,4,5-Trichlorophenol	1730	167	"	1670		104	34-126				
2,4,6-Trichlorophenol	1940	167	"	1670		116	36-130				
Surrogate: 2,4,6-Tribromophenol	3590		"	2610		137	10-142				
Surrogate: 2-Fluorobiphenyl	1350		"	1670		81.1	10-111				
Surrogate: 2-Fluorophenol	1880		"	2490		75.5	10-109				
Surrogate: Nitrobenzene-d5	1580		"	1690		93.1	10-148				
Surrogate: Phenol-d5	1570		"	2510		62.5	10-124				
Surrogate: Terphenyl-d14	1430		"	1700		84.0	10-147				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31422 - EPA 3550B											
LCS Dup (BH31422-BSD1)											
										Prepared & Analyzed: 08/30/2013	
Acenaphthene	1340	167	ug/kg wet	1670		80.3	35-127		1.65	30	
Acenaphthylene	1320	167	"	1670		79.5	37-121		2.12	30	
Aniline	1060	167	"	1670		63.4	10-149		3.29	30	
Anthracene	1230	167	"	1670		73.6	38-131		3.97	30	
Benzo(a)anthracene	1440	167	"	1670		86.6	37-137		1.51	30	
Benzo(a)pyrene	1620	167	"	1670		97.1	33-162		3.46	30	
Benzo(b)fluoranthene	2270	167	"	1670		136	26-160		0.907	30	
Benzo(g,h,i)perylene	ND	167	"	1670			10-154	Low Bias		30	
Benzyl alcohol	1230	167	"	1670		73.7	33-124		0.622	30	
Benzo(k)fluoranthene	1880	167	"	1670		113	34-143		15.0	30	
Benzyl butyl phthalate	1140	167	"	1670		68.4	30-143		2.42	30	
4-Bromophenyl phenyl ether	1610	167	"	1670		96.6	35-135		1.95	30	
4-Chloro-3-methylphenol	1520	167	"	1670		91.2	34-133		3.87	30	
4-Chloroaniline	1600	167	"	1670		96.2	17-175		2.04	30	
Bis(2-chloroethoxy)methane	1210	167	"	1670		72.3	31-119		0.499	30	
Bis(2-chloroethyl)ether	1190	167	"	1670		71.6	18-124		3.08	30	
Bis(2-chloroisopropyl)ether	706	167	"	1670		42.3	10-141		2.93	30	
Bis(2-ethylhexyl)phthalate	1050	167	"	1670		62.7	35-137		1.74	30	
2-Chloronaphthalene	1400	167	"	1670		83.8	34-117		1.59	30	
2-Chlorophenol	1290	167	"	1670		77.3	32-123		1.11	30	
4-Chlorophenyl phenyl ether	1520	167	"	1670		91.2	25-142		0.307	30	
Chrysene	1410	167	"	1670		84.6	38-132		1.76	30	
Dibenzo(a,h)anthracene	204	167	"	1670		12.2	14-153	Low Bias	20.0	30	
Dibenzofuran	1390	167	"	1670		83.2	39-123		0.168	30	
Di-n-butyl phthalate	1020	167	"	1670		61.0	35-132		2.91	30	
1,2-Dichlorobenzene	1260	167	"	1670		75.3	22-121		1.21	30	
1,4-Dichlorobenzene	1190	167	"	1670		71.4	20-122		4.04	30	
1,3-Dichlorobenzene	1320	167	"	1670		79.4	22-120		0.953	30	
3,3'-Dichlorobenzidine	1980	333	"	1670		119	16-177		1.62	30	
2,4-Dichlorophenol	1680	167	"	1670		101	30-134		2.27	30	
Diethyl phthalate	1490	167	"	1670		89.2	41-125		0.603	30	
2,4-Dimethylphenol	1260	167	"	1670		75.8	33-120		1.23	30	
Dimethyl phthalate	1580	167	"	1670		94.9	39-125		0.693	30	
2-Nitroaniline	1650	167	"	1670		98.7	38-130		1.28	30	
4,6-Dinitro-2-methylphenol	ND	167	"	1670			10-165	Low Bias		30	
2,4-Dinitrophenol	ND	333	"	1670			53-209	Low Bias		30	
2,6-Dinitrotoluene	1580	167	"	1670		94.9	42-130		0.0632	30	
2,4-Dinitrotoluene	1610	167	"	1670		96.5	41-129		0.666	30	
Di-n-octyl phthalate	1900	167	"	1670		114	19-162		7.00	30	
Fluoranthene	1350	167	"	1670		81.2	35-136		2.36	30	
Fluorene	1390	167	"	1670		83.2	33-134		0.216	30	
Hexachlorobenzene	1460	167	"	1670		87.5	31-139		1.88	30	
Hexachlorobutadiene	2090	167	"	1670		125	19-137		1.12	30	
Hexachlorocyclopentadiene	ND	167	"	1670			10-145	Low Bias		30	
Hexachloroethane	1020	167	"	1670		61.1	12-125		0.977	30	
Indeno(1,2,3-cd)pyrene	180	167	"	1670		10.8	11-155	Low Bias	18.2	30	
Isophorone	1380	167	"	1670		82.7	30-125		0.145	30	
2-Methylnaphthalene	1330	167	"	1670		80.0	30-125		0.673	30	
2-Methylphenol	1120	167	"	1670		67.3	30-128		4.13	30	
3- & 4-Methylphenols	1140	167	"	1670		68.5	30-120		0.409	30	
Naphthalene	1220	167	"	1670		73.3	28-121		1.89	30	



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31422 - EPA 3550B											
LCS Dup (BH31422-BSD1)											
Prepared & Analyzed: 08/30/2013											
3-Nitroaniline	1630	167	ug/kg wet	1670		97.6	10-234		2.33	30	
4-Nitroaniline	ND	167	"	1670			10-208	Low Bias		30	
Nitrobenzene	1430	167	"	1670		86.0	28-118		0.232	30	
4-Nitrophenol	2160	167	"	1670		130	10-185		196	30	Non-dir.
2-Nitrophenol	1510	167	"	1670		90.3	23-129		3.74	30	
N-nitroso-di-n-propylamine	1170	167	"	1670		70.3	21-136		3.08	30	
N-Nitrosodimethylamine	1100	167	"	1670		65.8	10-131		4.98	30	
N-Nitrosodiphenylamine	1490	167	"	1670		89.2	36-163		6.59	30	
Pentachlorophenol	3140	167	"	1670		188	15-182	High Bias	0.487	30	
Phenanthrene	1250	167	"	1670		74.8	37-132		2.38	30	
Phenol	1010	167	"	1670		60.5	28-124		3.67	30	
Pyrene	1320	167	"	1670		79.0	30-147		3.26	30	
Pyridine	645	167	"	1670		38.7	10-113		23.7	30	
1,2,4-Trichlorobenzene	1580	167	"	1670		94.5	22-129		1.12	30	
2,4,5-Trichlorophenol	1700	167	"	1670		102	34-126		1.79	30	
2,4,6-Trichlorophenol	1910	167	"	1670		114	36-130		1.77	30	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>3540</i>		<i>"</i>	<i>2610</i>		<i>136</i>	<i>10-142</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1320</i>		<i>"</i>	<i>1670</i>		<i>79.4</i>	<i>10-111</i>				
<i>Surrogate: 2-Fluorophenol</i>	<i>1820</i>		<i>"</i>	<i>2490</i>		<i>73.1</i>	<i>10-109</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1580</i>		<i>"</i>	<i>1690</i>		<i>93.2</i>	<i>10-148</i>				
<i>Surrogate: Phenol-d5</i>	<i>1520</i>		<i>"</i>	<i>2510</i>		<i>60.6</i>	<i>10-124</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1410</i>		<i>"</i>	<i>1700</i>		<i>82.8</i>	<i>10-147</i>				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits		Limit			

Batch BH31394 - EPA 3550B

Blank (BH31394-BLK1)

Prepared: 08/29/2013 Analyzed: 08/30/2013

Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>43.1</i>		<i>"</i>	<i>66.7</i>		<i>64.6</i>		<i>30-150</i>			
<i>Surrogate: Decachlorobiphenyl</i>	<i>41.1</i>		<i>"</i>	<i>67.0</i>		<i>61.3</i>		<i>30-150</i>			



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31394 - EPA 3550B

LCS (BH31394-BS1)

Prepared: 08/29/2013 Analyzed: 08/30/2013

Methoxychlor	27.0	1.65	ug/kg wet	33.3		81.0	40-140				
Heptachlor epoxide	23.8	0.330	"	33.3		71.5	40-140				
Heptachlor	25.4	0.330	"	33.3		76.3	40-140				
gamma-BHC (Lindane)	24.6	0.330	"	33.3		73.9	40-140				
Endrin ketone	23.4	0.330	"	33.3		70.3	40-140				
Endrin aldehyde	24.1	0.330	"	33.3		72.2	40-140				
Endrin	26.7	0.330	"	33.3		80.0	40-140				
Endosulfan sulfate	25.3	0.330	"	33.3		75.9	40-140				
Endosulfan II	24.8	0.330	"	33.3		74.4	40-140				
Endosulfan I	26.2	0.330	"	33.3		78.6	40-140				
Dieldrin	25.1	0.330	"	33.3		75.2	40-140				
delta-BHC	26.5	0.330	"	33.3		79.4	40-140				
beta-BHC	24.6	0.330	"	33.3		73.9	40-140				
alpha-BHC	25.2	0.330	"	33.3		75.6	40-140				
Aldrin	22.0	0.330	"	33.3		65.9	40-140				
4,4'-DDT	28.7	0.330	"	33.3		86.2	40-140				
4,4'-DDE	22.4	0.330	"	33.3		67.2	40-140				
4,4'-DDD	28.3	0.330	"	33.3		84.9	40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	48.1		"	66.7		72.2	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	50.6		"	67.0		75.5	30-150				

LCS (BH31394-BS2)

Prepared: 08/29/2013 Analyzed: 08/30/2013

Aroclor 1260	282	17.0	ug/kg wet	333		84.7	40-140				
Aroclor 1016	307	17.0	"	333		92.2	40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	52.3		"	66.7		78.5	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	40.0		"	67.0		59.7	30-150				

LCS Dup (BH31394-BSD1)

Prepared: 08/29/2013 Analyzed: 08/30/2013

Methoxychlor	27.3	1.65	ug/kg wet	33.3		81.9	40-140	1.12	200		
Heptachlor epoxide	25.2	0.330	"	33.3		75.6	40-140	5.57	200		
Heptachlor	26.7	0.330	"	33.3		80.1	40-140	4.97	200		
gamma-BHC (Lindane)	26.2	0.330	"	33.3		78.6	40-140	6.20	200		
Endrin ketone	24.8	0.330	"	33.3		74.3	40-140	5.48	200		
Endrin aldehyde	25.4	0.330	"	33.3		76.1	40-140	5.29	200		
Endrin	27.8	0.330	"	33.3		83.4	40-140	4.19	200		
Endosulfan sulfate	26.7	0.330	"	33.3		80.1	40-140	5.32	200		
Endosulfan II	26.2	0.330	"	33.3		78.6	40-140	5.38	200		
Endosulfan I	27.6	0.330	"	33.3		82.8	40-140	5.18	200		
Dieldrin	26.9	0.330	"	33.3		80.6	40-140	6.96	200		
delta-BHC	27.6	0.330	"	33.3		82.9	40-140	4.21	200		
beta-BHC	25.9	0.330	"	33.3		77.6	40-140	4.83	200		
alpha-BHC	26.9	0.330	"	33.3		80.7	40-140	6.60	200		
Aldrin	22.4	0.330	"	33.3		67.2	40-140	1.94	200		
4,4'-DDT	30.2	0.330	"	33.3		90.7	40-140	4.99	200		
4,4'-DDE	23.0	0.330	"	33.3		69.1	40-140	2.69	200		
4,4'-DDD	29.3	0.330	"	33.3		88.0	40-140	3.55	200		
<i>Surrogate: Tetrachloro-m-xylene</i>	52.2		"	66.7		78.2	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	55.4		"	67.0		82.7	30-150				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	Limit	Flag
		Limit		Level	Result	%REC			RPD		

Batch BH31394 - EPA 3550B

Matrix Spike (BH31394-MS1) *Source sample: 13H1049-01 (SP-1 (0-2)) Prepared: 08/29/2013 Analyzed: 08/30/2013

Methoxychlor	23.4	10.6	ug/kg dry	43.0	ND	54.3	30-150				
Heptachlor epoxide	20.9	2.13	"	43.0	ND	48.6	30-150				
Heptachlor	19.6	2.13	"	43.0	ND	45.5	30-150				
gamma-BHC (Lindane)	22.1	2.13	"	43.0	ND	51.5	30-150				
Endrin ketone	31.2	2.13	"	43.0	ND	72.7	30-150				
Endrin aldehyde	29.3	2.13	"	43.0	ND	68.1	30-150				
Endrin	18.8	2.13	"	43.0	ND	43.7	30-150				
Endosulfan sulfate	20.0	2.13	"	43.0	ND	46.6	30-150				
Endosulfan II	21.0	2.13	"	43.0	ND	48.9	30-150				
Endosulfan I	16.5	2.13	"	43.0	ND	38.4	30-150				
Dieldrin	17.7	2.13	"	43.0	ND	41.2	30-150				
delta-BHC	22.4	2.13	"	43.0	ND	52.1	30-150				
beta-BHC	20.1	2.13	"	43.0	ND	46.8	30-150				
alpha-BHC	24.0	2.13	"	43.0	ND	55.8	30-150				
Aldrin	23.7	2.13	"	43.0	ND	55.1	30-150				
4,4'-DDT	22.7	2.13	"	43.0	ND	52.8	30-150				
4,4'-DDE	20.0	2.13	"	43.0	ND	46.5	30-150				
4,4'-DDD	19.1	2.13	"	43.0	ND	44.5	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	45.3		"	86.0		52.7	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	39.5		"	86.4		45.7	30-150				



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31404 - EPA 3050B

Blank (BH31404-BLK1)

Prepared & Analyzed: 08/29/2013

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 (BH31404-DUP1)

*Source sample: 13H1049-09 (SP-5 (0-2))

Prepared & Analyzed: 08/29/2013

Aluminum	5700	1.33	mg/kg dry		5680				0.350	35	
Antimony	7.17	0.667	"		7.29				1.69	35	
Arsenic	22.3	1.33	"		22.1				0.579	35	
Barium	3790	1.33	"		3790				0.131	35	
Beryllium	ND	0.133	"		ND					35	
Cadmium	11.1	0.400	"		11.1				0.375	35	
Calcium	18600	6.67	"		18500				0.208	35	
Chromium	56.4	0.667	"		56.5				0.0839	35	
Cobalt	3.85	0.667	"		3.95				2.53	35	
Copper	7840	0.667	"		8170				4.08	35	
Iron	19000	2.67	"		19100				0.644	35	
Lead	18500	0.400	"		20700				11.1	35	
Magnesium	3470	6.67	"		3480				0.251	35	
Manganese	363	0.667	"		364				0.217	35	
Nickel	22.1	0.667	"		22.8				3.00	35	
Potassium	942	6.67	"		947				0.507	35	
Selenium	3.44	1.33	"		4.05				16.5	35	
Silver	2.87	0.667	"		2.81				2.20	35	
Sodium	491	13.3	"		523				6.39	35	
Thallium	ND	1.33	"		ND					35	
Vanadium	17.1	1.33	"		17.2				0.471	35	
Zinc	17500	1.33	"		26100				39.6	35	Non-dir.



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BH31404 - EPA 3050B										
Matrix Spike (BH31404-MS1)	*Source sample: 13H1049-09 (SP-5 (0-2))						Prepared & Analyzed: 08/29/2013			
Aluminum	5980	1.33	mg/kg dry	267	5680	111	75-125			
Antimony	42.0	0.667	"	33.3	7.29	104	75-125			
Arsenic	294	1.33	"	267	22.1	102	75-125			
Barium	3990	1.33	"	267	3790	73.2	75-125	Low Bias		
Beryllium	5.77	0.133	"	6.67	ND	86.6	75-125			
Cadmium	17.5	0.400	"	6.67	11.1	94.9	75-125			
Chromium	80.7	0.667	"	26.7	56.5	90.9	75-125			
Cobalt	71.1	0.667	"	66.7	3.95	101	75-125			
Copper	7880	0.667	"	33.3	8170	NR	75-125	Low Bias		
Iron	19200	2.67	"	133	19100	8.68	75-125	Low Bias		
Lead	18400	0.400	"	66.7	20700	NR	75-125	Low Bias		
Magnesium	3470	6.67	"		3480		75-125			
Manganese	426	0.667	"	66.7	364	93.3	75-125			
Nickel	93.2	0.667	"	66.7	22.8	106	75-125			
Potassium	939	6.67	"		947		75-125			
Silver	9.13	0.667	"	6.67	2.81	94.8	75-125			
Sodium	485	13.3	"		523		75-125			
Thallium	258	1.33	"	267	ND	96.6	75-125			
Vanadium	82.0	1.33	"	66.7	17.2	97.2	75-125			
Zinc	17400	1.33	"	66.7	26100	NR	75-125	Low Bias		
Reference (BH31404-SRM1)										
Prepared & Analyzed: 08/29/2013										
Aluminum	8180	1.00	mg/kg wet	9060		90.2	42.6-157			
Antimony	143	0.500	"	106		135	23.1-256			
Arsenic	180	1.00	"	182		98.9	70.9-130			
Barium	135	1.00	"	143		94.7	72.7-128			
Beryllium	96.2	0.100	"	98.3		97.9	74.6-125			
Cadmium	57.4	0.300	"	60.4		95.0	73.2-129			
Calcium	5680	5.00	"	6040		94.0	73.7-126			
Chromium	114	0.500	"	125		91.2	69.8-130			
Cobalt	158	0.500	"	163		96.9	74.2-125			
Copper	80.8	0.500	"	80.1		101	73.7-130			
Iron	12300	2.00	"	12900		95.0	32.3-168			
Lead	130	0.300	"	136		95.9	73.1-127			
Magnesium	2460	5.00	"	2640		93.1	64-136			
Manganese	268	0.500	"	279		95.9	74.2-126			
Nickel	137	0.500	"	128		107	73.1-130			
Potassium	2580	5.00	"	2820		91.5	62.1-138			
Selenium	89.6	1.00	"	85.9		104	63.9-136			
Silver	55.2	0.500	"	61.3		90.1	66.9-133			
Sodium	645	10.0	"	439		147	48.3-152			
Thallium	133	1.00	"	144		92.4	68.3-132			
Vanadium	96.4	1.00	"	104		92.6	66-134			
Zinc	193	1.00	"	204		94.7	69.6-133			



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 BI30020 - EPA 7473 soil											
Blank (BI30020-BLK1)										Prepared & Analyzed: 09/03/2013	
Mercury	ND	0.000800	mg/kg wet								
Duplicate (BI30020-DUP1)										*Source sample: 13H1049-01 (SP-1 (0-2))	
Prepared & Analyzed: 09/03/2013											
Mercury	3.77	0.00103	mg/kg dry		2.63				35.7	35	Non-dir.
Matrix Spike (BI30020-MS1)										*Source sample: 13H1049-01 (SP-1 (0-2))	
Prepared & Analyzed: 09/03/2013											
Mercury	2.54		mg/kg	0.500	2.04	99.8	75-125				
Reference (BI30020-SRM1)										Prepared & Analyzed: 09/03/2013	
Mercury	3.21		mg/kg	3.73		86.1	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 BH31406 - EPA SW846-3060											
Blank (BH31406-BLK1)											
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Prepared: 08/29/2013 Analyzed: 08/30/2013											
Reference (BH31406-SRM1)											
Chromium, Hexavalent	62.4		mg/L	76.7		81.4	20.2-180				
Prepared: 08/29/2013 Analyzed: 08/30/2013											



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H1049-01	SP-1 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-02	SP-1 (2-4)	8 oz. WM Clear Glass Cool to 4° C
13H1049-03	SP-2 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-04	SP-2 (2-4)	8 oz. WM Clear Glass Cool to 4° C
13H1049-05	SP-3 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-06	SP-3 (2-4)	8 oz. WM Clear Glass Cool to 4° C
13H1049-07	SP-4 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-08	SP-4 (2-4)	8 oz. WM Clear Glass Cool to 4° C
13H1049-09	SP-5 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-10	SP-5 (2-4)	8 oz. WM Clear Glass Cool to 4° C
13H1049-11	SP-6 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-12	SP-6 (2-4)	8 oz. WM Clear Glass Cool to 4° C
13H1049-13	SP-7 (0-2)	8 oz. WM Clear Glass Cool to 4° C
13H1049-14	SP-7 (2-4)	8 oz. WM Clear Glass Cool to 4° C

Notes and Definitions

VOA-CONTNON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-04 Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
- 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.
- QL-01 Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
- M-LSRD Original sample conc <50 X reporting limit.
- M-HCSpk Sample conc. >10 X spike conc.
- 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.

- ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Corrective Action: Client supplied 40ml unpreserved vials with stir bars and no water instead of pre-tared 5035 stir bar vials. - 8/29/13

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.

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type			
Company: Hydro Tech Env Corp	<input checked="" type="checkbox"/> SAME	<input checked="" type="checkbox"/> SAME	130222 - 28-46		RUSH-Same Day		Summary Report		X				
Address: 15 Ocean Ave, 2nd Fl	Name: Muslima Ward	Roebling St, Brooklyn, NY		RUSH-Next Day		QA Report		X					
Phone.: 718-636-0800	Company: Hydro Tech Env	Purchase Order #		RUSH-Two Day		CT RCP							
Contact: Sasha Rothenberg	Address: 77 Arkay Drive, Suite G	5754		RUSH-Three Day		CT RCP DQ/DUE Pkg							
E-mail: strothenberg@hydrotechenvironmental.com	Hauppauge, NY 11788	Samples from CT_NY_x_NJ_		RUSH-Four Day		NY ASP A Package							
E-mail: mward@hydrotechenvironmental.com		E-mail:		Standard (5-7day)		NY ASP B Package							
<p>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.</p> <p>Matrix Codes S - soil Other - specify (oil, ec.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor</p>		<p>Volatiles 8260 full TICS 624 Site Spec. STARS list Nassau Co. BTEX Suffolk Co.</p>		<p>Semi-Vols. 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list TAGM list CT RCP list TCL list NIDEP list App. IX TCLP BNA SPL or TCLP 608 PCB</p>		<p>Metals RCRA8 PPI3 list TAL CTI5 list TAGM list NIDEP list Total Dissolved SPL or TCLP Herb Chlordane 608 Pest LIST Below Helium</p>		<p>Full Lists Pri. Poll. TCL Ogskns TALM44CN Full TCLP Full App. IX Part 360-Routine Part 360-Eedline Part 360-Residual Part 360-Expanded NYCDEP Sewer NYSDEC Sewer TAGM</p>		<p>Excel X NYSDEC EQUIS X NJDEP SRP HazSite EQUIS GIS/KEY (sid) YORK Regulatory Comp Excel compared to: NYSDEC Part 375 Unrestricted SCO - Residential SCO</p>		OTHER:	
<p>Samples Collected/Authorized By (Signature) <i>Sasha Rothenberg</i> Name (printed) Sasha Rothenberg</p>		<p>4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂O₂ _____ NaOH _____ (check all applicable) ZnAc Ascorbic Acid Other</p>		<p>Analysis Requested (List above includes common analysis) EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent</p>		<p>Container Description 8 oz and terracore sets</p>		<p>Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p>		<p>Temperature on Receipt 4.1 °C</p>			
<p>Sample Identification</p>		<p>Date+Time Sampled</p>		<p>Matrix</p>		<p>Preservation</p>		<p>Analysis Requested (List above includes common analysis)</p>		<p>Container Description</p>			
SP-1 (0-2)	8/26/2013	S	4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ O ₂ _____ NaOH _____ (check all applicable) ZnAc Ascorbic Acid Other	EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent	8 oz and terracore sets								
SP-1 (2-4)	8/26/2013	S											
SP-2 (0-2)	8/26/2013	S											
SP-2 (2-4)	8/26/2013	S											
SP-3 (0-2)	8/26/2013	S											
SP-3 (2-4)	8/26/2013	S											
SP-4 (0-2)	8/27/2013	S											
SP-4 (2-4)	8/27/2013	S											

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13H1049

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Hydro Tech Env Corp		Name: <u>SAME</u> <input checked="" type="checkbox"/>		Name: <u>SAME</u> <input type="checkbox"/>		130222 - 28-46		RUSH-Same Day		Summary Report X	
Address: 15 Ocean Ave, 2nd Fl		Company: Hydro Tech Env		Company: Muslima Ward		Roebling St, Brooklyn, NY		RUSH-Next Day		QA Report X	
Phone: 718-636-0800		Address: 77 Arkay Drive, Suite G		Address: 77 Arkay Drive, Suite G		Purchase Order #		RUSH-Two Day		CT RCP	
Contact: Sasha Rothenberg		E-mail: <u>strolhenberg@hydrotechenvironmental.com</u>		E-mail: <u>strolhenberg@hydrotechenvironmental.com</u>		5754		RUSH-Three Day		CT RCP DQ/DUE Pkg	
E-mail: <u>strolhenberg@hydrotechenvironmental.com</u>		E-mail: <u>strolhenberg@hydrotechenvironmental.com</u>		E-mail: <u>strolhenberg@hydrotechenvironmental.com</u>		Samples from CT_NY_x_NJ		RUSH-Four Day		NY ASP A Package	
						Standard (5-7day)		Standard (5-7day)		NY ASP B Package	
										NJUDEP Reduced Deliv	
										Excel X	
										NYSDEC EQUIS X	
										NJUDEP SRP HazSite	
										EQUIS	
										GIS/KEY (std)	
										YORK Regulatory	
										Comp Excel	
										compared to:	
										NYSDEC Part 375	
										Unrestricted SCO - Residential SCO	
										OTHER:	
										Container Description	
										8 oz and terracore sets	

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-5 (0-2)	8/27/2013	S	EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent	"
SP-5 (2-4)	8/27/2013	S	"	"
SP-6 (0-2)	8/27/2013	S	"	"
SP-6 (2-4)	8/27/2013	S	"	"
SP-7 (0-2)	8/27/2013	S	"	"
SP-7 (2-4)	8/27/2013	S	"	"

Preservation (check all applicable)	4°C	Frozen	HCl	MeOH	HNO ₃	H ₂ O ₂	NaOH

Special Instructions	Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	<u>Sasha Rothenberg</u>	<u>8/28/13 10:54 AM</u>	<u>K. B. B. B.</u>	<u>8/28/13 10:54 AM</u>	<u>4.1 °C</u>

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.

- Matrix Codes
- S - soil
 - Other - specify (oil, etc.)
 - WW - wastewater
 - GW - groundwater
 - DW - drinking water
 - Air-A - ambient air
 - Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Sasha Rothenberg
Name (printed)



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue

Brooklyn NY, 11225

Attention: Sasha Rothenberg

Report Date: 11/12/2013

Client Project ID: 130303-28-46 Roebing Brooklyn, NY

York Project (SDG) No.: 13K0142

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

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 November 06, 2013 and listed below. The project was identified as your project: **130303-28-46 Roebing Brooklyn, NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13K0142-01	SP-21 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-02	SP-21 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-03	SP-21 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-04	SP-22 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-05	SP-22 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-06	SP-22 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-07	SP-23 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-08	SP-23 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-09	SP-23 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-10	SP-24 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-11	SP-24 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-12	SP-24 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-13	SP-25 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-14	SP-25 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-15	SP-25 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-16	SP-26 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-17	SP-26 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-18	SP-26 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-19	SP-27 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-20	SP-27 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-21	SP-27 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-22	SP-28 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-23	SP-28 (2-4)	Soil	11/04/2013	11/06/2013

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13K0142-24	SP-28 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-25	SP-29 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-26	SP-29 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-27	SP-29 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-28	SP-30 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-29	SP-30 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-30	SP-30 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-31	SP-31 (0-2)	Soil	11/04/2013	11/06/2013
13K0142-32	SP-31 (2-4)	Soil	11/04/2013	11/06/2013
13K0142-33	SP-31 (4-6)	Soil	11/04/2013	11/06/2013
13K0142-34	SP-32 (0-2)	Soil	11/05/2013	11/06/2013
13K0142-35	SP-32 (2-4)	Soil	11/05/2013	11/06/2013
13K0142-36	SP-32 (4-6)	Soil	11/05/2013	11/06/2013
13K0142-37	SP-33 (0-2)	Soil	11/05/2013	11/06/2013
13K0142-38	SP-33 (2-4)	Soil	11/05/2013	11/06/2013
13K0142-39	SP-33 (4-6)	Soil	11/05/2013	11/06/2013
13K0142-40	SP-34 (0-2)	Soil	11/05/2013	11/06/2013
13K0142-41	SP-34 (2-4)	Soil	11/05/2013	11/06/2013
13K0142-42	SP-34 (4-6)	Soil	11/05/2013	11/06/2013
13K0142-43	SP-35 (0-2)	Soil	11/05/2013	11/06/2013
13K0142-44	SP-35 (2-4)	Soil	11/05/2013	11/06/2013
13K0142-45	SP-35 (4-6)	Soil	11/05/2013	11/06/2013
13K0142-46	SP-36 (0-2)	Soil	11/05/2013	11/06/2013
13K0142-47	SP-36 (2-4)	Soil	11/05/2013	11/06/2013

General Notes for York Project (SDG) No.: 13K0142

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:



Benjamin Gulizia
Laboratory Director

Date: 11/12/2013

YORK



Sample Information

Client Sample ID: SP-21 (0-2)

York Sample ID: 13K0142-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.91		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC
7440-39-3	Barium	642		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC
7440-47-3	Chromium	33.3		mg/kg dry	0.593	0.593	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC
7439-92-1	Lead	413		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC
7440-22-4	Silver	ND		mg/kg dry	0.593	0.593	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:36	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC
7440-39-3	Barium	0.728		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC
7440-43-9	Cadmium	0.009		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC
7439-92-1	Lead	0.069		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC
7782-49-2	Selenium	0.010	B	mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:17	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.356		mg/kg dry	0.000948	0.000948	1	EPA 7473	11/11/2013 07:33	11/11/2013 11:11	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.4		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-21 (0-2)

York Sample ID: 13K0142-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-21 (2-4)

York Sample ID: 13K0142-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.63		mg/kg dry	1.21	1.21	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC
7440-39-3	Barium	1360		mg/kg dry	1.21	1.21	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.362	0.362	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC
7440-47-3	Chromium	53.1		mg/kg dry	0.604	0.604	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC
7439-92-1	Lead	412		mg/kg dry	0.362	0.362	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC
7440-22-4	Silver	ND		mg/kg dry	0.604	0.604	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:52	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC
7440-39-3	Barium	1.21		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC
7440-43-9	Cadmium	0.011		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC
7439-92-1	Lead	0.248		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:25	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.218		mg/kg dry	0.000966	0.000966	1	EPA 7473	11/11/2013 07:33	11/11/2013 11:20	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-21 (2-4)

York Sample ID: 13K0142-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-21 (4-6)

York Sample ID: 13K0142-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.69		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC
7440-39-3	Barium	92.7		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.350	0.350	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC
7440-47-3	Chromium	17.6		mg/kg dry	0.583	0.583	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC
7439-92-1	Lead	102		mg/kg dry	0.350	0.350	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC
7440-22-4	Silver	ND		mg/kg dry	0.583	0.583	1	EPA 6010C	11/07/2013 13:15	11/07/2013 17:57	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC
7440-39-3	Barium	1.06		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC
7439-92-1	Lead	0.588		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC



Sample Information

Client Sample ID: SP-21 (4-6)

York Sample ID: 13K0142-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:30	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.199		mg/kg dry	0.000932	0.000932	1	EPA 7473	11/11/2013 07:33	11/11/2013 11:29	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-22 (0-2)

York Sample ID: 13K0142-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.99		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC
7440-39-3	Barium	167		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.357	0.357	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC
7440-47-3	Chromium	11.6		mg/kg dry	0.595	0.595	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC
7439-92-1	Lead	193		mg/kg dry	0.357	0.357	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC



Sample Information

Client Sample ID: SP-22 (0-2)

York Sample ID: 13K0142-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.595	0.595	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:02	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC
7440-39-3	Barium	0.571		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC
7439-92-1	Lead	0.092		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:36	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.185		mg/kg dry	0.000952	0.000952	1	EPA 7473	11/11/2013 07:33	11/11/2013 11:38	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.0		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK



Sample Information

Client Sample ID: SP-22 (2-4)

York Sample ID: 13K0142-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.38		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC
7440-39-3	Barium	79.9		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.352	0.352	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC
7440-47-3	Chromium	8.77		mg/kg dry	0.587	0.587	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC
7439-92-1	Lead	47.0		mg/kg dry	0.352	0.352	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC
7440-22-4	Silver	ND		mg/kg dry	0.587	0.587	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:07	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC
7440-39-3	Barium	0.400		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC
7439-92-1	Lead	0.013		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:44	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0177		mg/kg dry	0.000939	0.000939	1	EPA 7473	11/11/2013 07:33	11/11/2013 11:47	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.2		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-22 (2-4)

York Sample ID: 13K0142-05

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-22 (4-6)

York Sample ID: 13K0142-06

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.95		mg/kg dry	1.18	1.18	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC
7440-39-3	Barium	76.4		mg/kg dry	1.18	1.18	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.354	0.354	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC
7440-47-3	Chromium	22.0		mg/kg dry	0.589	0.589	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC
7439-92-1	Lead	173		mg/kg dry	0.354	0.354	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC
7440-22-4	Silver	ND		mg/kg dry	0.589	0.589	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:12	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC
7440-39-3	Barium	0.801		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC
7439-92-1	Lead	1.99		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:52	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0171		mg/kg dry	0.000943	0.000943	1	EPA 7473	11/11/2013 07:33	11/11/2013 11:56	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-22 (4-6)

York Sample ID: 13K0142-06

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-23 (0-2)

York Sample ID: 13K0142-07

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.65		mg/kg dry	1.21	1.21	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC
7440-39-3	Barium	196		mg/kg dry	1.21	1.21	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.362	0.362	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC
7440-47-3	Chromium	13.6		mg/kg dry	0.603	0.603	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC
7439-92-1	Lead	417		mg/kg dry	0.362	0.362	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC
7782-49-2	Selenium	2.52		mg/kg dry	1.21	1.21	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC
7440-22-4	Silver	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:30	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC
7440-39-3	Barium	0.617		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC
7439-92-1	Lead	1.17		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC



Sample Information

Client Sample ID: SP-23 (0-2)

York Sample ID: 13K0142-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/07/2013 23:57	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.55		mg/kg dry	0.000965	0.000965	1	EPA 7473	11/11/2013 07:33	11/11/2013 12:05	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.9		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-23 (2-4)

York Sample ID: 13K0142-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.13		mg/kg dry	1.28	1.28	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC
7440-39-3	Barium	331		mg/kg dry	1.28	1.28	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.383	0.383	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC
7440-47-3	Chromium	15.6		mg/kg dry	0.639	0.639	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC
7439-92-1	Lead	198		mg/kg dry	0.383	0.383	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.28	1.28	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC



Sample Information

Client Sample ID: SP-23 (2-4)

York Sample ID: 13K0142-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.639	0.639	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:35	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC
7440-39-3	Barium	0.615		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC
7439-92-1	Lead	0.095		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:15	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.96		mg/kg dry	0.00102	0.00102	1	EPA 7473	11/11/2013 07:33	11/11/2013 12:17	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	78.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK



Sample Information

Client Sample ID: SP-23 (4-6)

York Sample ID: 13K0142-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.7		mg/kg dry	1.44	1.44	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC
7440-39-3	Barium	603		mg/kg dry	1.44	1.44	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.433	0.433	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC
7440-47-3	Chromium	12.1		mg/kg dry	0.721	0.721	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC
7439-92-1	Lead	566		mg/kg dry	0.433	0.433	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC
7782-49-2	Selenium	1.60		mg/kg dry	1.44	1.44	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC
7440-22-4	Silver	ND		mg/kg dry	0.721	0.721	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:41	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC
7440-39-3	Barium	0.999		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC
7439-92-1	Lead	1.11		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:20	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.178		mg/kg dry	0.00115	0.00115	1	EPA 7473	11/11/2013 07:33	11/11/2013 12:33	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	69.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-23 (4-6)

York Sample ID: 13K0142-09

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-24 (0-2)

York Sample ID: 13K0142-10

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.54		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC
7440-39-3	Barium	87.2		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.348	0.348	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC
7440-47-3	Chromium	18.6		mg/kg dry	0.580	0.580	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC
7439-92-1	Lead	268		mg/kg dry	0.348	0.348	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC
7440-22-4	Silver	ND		mg/kg dry	0.580	0.580	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:46	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC
7440-39-3	Barium	0.702		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC
7439-92-1	Lead	1.93		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:26	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.111		mg/kg dry	0.000928	0.000928	1	EPA 7473	11/11/2013 07:33	11/11/2013 12:42	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-24 (0-2)

York Sample ID: 13K0142-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.2		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-24 (2-4)

York Sample ID: 13K0142-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.22		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC
7440-39-3	Barium	76.5		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.352	0.352	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC
7440-47-3	Chromium	18.0		mg/kg dry	0.586	0.586	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC
7439-92-1	Lead	274		mg/kg dry	0.352	0.352	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC
7782-49-2	Selenium	1.42		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC
7440-22-4	Silver	ND		mg/kg dry	0.586	0.586	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:51	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC
7440-39-3	Barium	0.527		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC
7439-92-1	Lead	0.313		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC



Sample Information

Client Sample ID: SP-24 (2-4)

York Sample ID: 13K0142-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:31	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0224		mg/kg dry	0.000938	0.000938	1	EPA 7473	11/11/2013 07:33	11/11/2013 12:51	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-24 (4-6)

York Sample ID: 13K0142-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.73		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC
7440-39-3	Barium	73.1		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.349	0.349	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC
7440-47-3	Chromium	23.9		mg/kg dry	0.582	0.582	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC
7439-92-1	Lead	8.06		mg/kg dry	0.349	0.349	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC



Sample Information

Client Sample ID: SP-24 (4-6)

York Sample ID: 13K0142-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.582	0.582	1	EPA 6010C	11/07/2013 13:15	11/07/2013 18:56	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC
7440-39-3	Barium	1.18		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC
7439-92-1	Lead	0.028		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:36	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.00802		mg/kg dry	0.000930	0.000930	1	EPA 7473	11/11/2013 07:33	11/11/2013 13:00	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.0		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK



Sample Information

Client Sample ID: SP-25 (0-2)

York Sample ID: 13K0142-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	15.6		mg/kg dry	1.43	1.43	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC
7440-39-3	Barium	422		mg/kg dry	1.43	1.43	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.430	0.430	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC
7440-47-3	Chromium	16.1		mg/kg dry	0.716	0.716	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC
7439-92-1	Lead	636		mg/kg dry	0.430	0.430	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC
7782-49-2	Selenium	5.37		mg/kg dry	1.43	1.43	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC
7440-22-4	Silver	ND		mg/kg dry	0.716	0.716	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:01	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC
7440-39-3	Barium	0.874		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC
7439-92-1	Lead	0.156		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:42	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.64		mg/kg dry	0.00115	0.00115	1	EPA 7473	11/11/2013 07:33	11/11/2013 13:09	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	69.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-25 (0-2)

York Sample ID: 13K0142-13

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-25 (2-4)

York Sample ID: 13K0142-14

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	17.0		mg/kg dry	1.42	1.42	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC
7440-39-3	Barium	443		mg/kg dry	1.42	1.42	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.427	0.427	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC
7440-47-3	Chromium	15.3		mg/kg dry	0.712	0.712	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC
7439-92-1	Lead	985		mg/kg dry	0.427	0.427	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC
7782-49-2	Selenium	1.90		mg/kg dry	1.42	1.42	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC
7440-22-4	Silver	ND		mg/kg dry	0.712	0.712	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:07	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC
7440-39-3	Barium	1.13		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC
7439-92-1	Lead	0.589		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:47	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.785		mg/kg dry	0.00114	0.00114	1	EPA 7473	11/11/2013 11:01	11/11/2013 16:27	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-25 (2-4)

York Sample ID: 13K0142-14

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	70.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-25 (4-6)

York Sample ID: 13K0142-15

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.3		mg/kg dry	1.48	1.48	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC
7440-39-3	Barium	164		mg/kg dry	1.48	1.48	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.443	0.443	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC
7440-47-3	Chromium	18.4		mg/kg dry	0.739	0.739	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC
7439-92-1	Lead	158		mg/kg dry	0.443	0.443	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.48	1.48	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC
7440-22-4	Silver	ND		mg/kg dry	0.739	0.739	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:12	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC
7440-39-3	Barium	1.23		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC
7439-92-1	Lead	0.051		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC



Sample Information

Client Sample ID: SP-25 (4-6)

York Sample ID: 13K0142-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 00:52	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.79		mg/kg dry	0.00118	0.00118	1	EPA 7473	11/11/2013 11:01	11/11/2013 16:36	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	67.7		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-26 (0-2)

York Sample ID: 13K0142-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.51		mg/kg dry	1.13	1.13	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC
7440-39-3	Barium	90.6		mg/kg dry	1.13	1.13	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.340	0.340	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC
7440-47-3	Chromium	23.4		mg/kg dry	0.567	0.567	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC
7439-92-1	Lead	8.54		mg/kg dry	0.340	0.340	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC
7782-49-2	Selenium	1.83		mg/kg dry	1.13	1.13	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:17	AMC



Sample Information

Client Sample ID: SP-26 (0-2)

York Sample ID: 13K0142-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC
7440-39-3	Barium	1.27		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC
7439-92-1	Lead	0.055		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:00	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0118		mg/kg dry	0.000908	0.000908	1	EPA 7473	11/11/2013 11:01	11/11/2013 16:52	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	88.1		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-26 (2-4)

York Sample ID: 13K0142-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-26 (2-4)

York Sample ID: 13K0142-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.36		mg/kg dry	1.14	1.14	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC
7440-39-3	Barium	46.5		mg/kg dry	1.14	1.14	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC
7440-47-3	Chromium	22.1		mg/kg dry	0.572	0.572	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC
7439-92-1	Lead	6.85		mg/kg dry	0.343	0.343	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:35	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC
7440-39-3	Barium	0.871		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC
7439-92-1	Lead	0.005		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:05	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0152		mg/kg dry	0.000916	0.000916	1	EPA 7473	11/11/2013 11:01	11/11/2013 17:01	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.4		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-26 (2-4)

York Sample ID: 13K0142-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-26 (4-6)

York Sample ID: 13K0142-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.27		mg/kg dry	1.15	1.15	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC
7440-39-3	Barium	58.7		mg/kg dry	1.15	1.15	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.346	0.346	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC
7440-47-3	Chromium	17.5		mg/kg dry	0.576	0.576	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC
7439-92-1	Lead	5.87		mg/kg dry	0.346	0.346	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC
7782-49-2	Selenium	1.56		mg/kg dry	1.15	1.15	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC
7440-22-4	Silver	ND		mg/kg dry	0.576	0.576	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:40	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC
7440-39-3	Barium	1.45		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC
7439-92-1	Lead	0.008		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:24	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0130		mg/kg dry	0.000921	0.000921	1	EPA 7473	11/11/2013 11:01	11/11/2013 17:10	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-26 (4-6)

York Sample ID: 13K0142-18

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-27 (0-2)

York Sample ID: 13K0142-19

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	13.4		mg/kg dry	1.50	1.50	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC
7440-39-3	Barium	626		mg/kg dry	1.50	1.50	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.449	0.449	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC
7440-47-3	Chromium	28.4		mg/kg dry	0.748	0.748	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC
7439-92-1	Lead	961		mg/kg dry	0.449	0.449	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC
7782-49-2	Selenium	4.04		mg/kg dry	1.50	1.50	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC
7440-22-4	Silver	ND		mg/kg dry	0.748	0.748	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:45	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC
7440-39-3	Barium	1.18		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC
7439-92-1	Lead	0.180		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC



Sample Information

Client Sample ID: SP-27 (0-2)

York Sample ID: 13K0142-19

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:29	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.44		mg/kg dry	0.00120	0.00120	1	EPA 7473	11/11/2013 11:01	11/11/2013 17:19	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	66.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-27 (2-4)

York Sample ID: 13K0142-20

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.55		mg/kg dry	1.20	1.20	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC
7440-39-3	Barium	190		mg/kg dry	1.20	1.20	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.360	0.360	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC
7440-47-3	Chromium	28.6		mg/kg dry	0.601	0.601	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC
7439-92-1	Lead	31.3		mg/kg dry	0.360	0.360	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC
7782-49-2	Selenium	1.36		mg/kg dry	1.20	1.20	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC
7440-22-4	Silver	ND		mg/kg dry	0.601	0.601	1	EPA 6010C	11/07/2013 13:15	11/07/2013 19:50	AMC



Sample Information

Client Sample ID: SP-27 (2-4)

York Sample ID: 13K0142-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC
7440-39-3	Barium	0.817		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC
7439-92-1	Lead	0.072		mg/L	0.003	0.003	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/07/2013 15:32	11/08/2013 01:34	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0259		mg/kg dry	0.000961	0.000961	1	EPA 7473	11/11/2013 11:01	11/11/2013 17:32	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 09:04	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:12	11/08/2013 10:18	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:25	KK

Sample Information

Client Sample ID: SP-27 (4-6)

York Sample ID: 13K0142-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-27 (4-6)

York Sample ID: 13K0142-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.67		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC
7440-39-3	Barium	68.8		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC
7440-47-3	Chromium	21.6		mg/kg dry	0.593	0.593	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC
7439-92-1	Lead	6.82		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC
7782-49-2	Selenium	1.84		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC
7440-22-4	Silver	ND		mg/kg dry	0.593	0.593	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:13	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW
7440-39-3	Barium	1.27		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW
7439-92-1	Lead	0.009		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:20	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0169		mg/kg dry	0.000948	0.000948	1	EPA 7473	11/11/2013 11:01	11/11/2013 17:41	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.4		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-27 (4-6)

York Sample ID: 13K0142-21

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-28 (0-2)

York Sample ID: 13K0142-22

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.3		mg/kg dry	1.31	1.31	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC
7440-39-3	Barium	289		mg/kg dry	1.31	1.31	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.393	0.393	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC
7440-47-3	Chromium	14.5		mg/kg dry	0.654	0.654	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC
7439-92-1	Lead	511		mg/kg dry	0.393	0.393	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.31	1.31	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC
7440-22-4	Silver	ND		mg/kg dry	0.654	0.654	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:43	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW
7440-39-3	Barium	1.22		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW
7439-92-1	Lead	0.201		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:26	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.09		mg/kg dry	0.00105	0.00105	1	EPA 7473	11/11/2013 11:01	11/11/2013 17:50	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-28 (0-2)

York Sample ID: 13K0142-22

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	76.4		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-28 (2-4)

York Sample ID: 13K0142-23

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	17.7		mg/kg dry	1.48	1.48	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC
7440-39-3	Barium	299		mg/kg dry	1.48	1.48	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.444	0.444	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC
7440-47-3	Chromium	15.1		mg/kg dry	0.741	0.741	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC
7439-92-1	Lead	1020		mg/kg dry	0.444	0.444	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC
7782-49-2	Selenium	4.46		mg/kg dry	1.48	1.48	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC
7440-22-4	Silver	ND		mg/kg dry	0.741	0.741	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:51	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW
7440-39-3	Barium	1.25		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW
7439-92-1	Lead	0.352		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW



Sample Information

Client Sample ID: SP-28 (2-4)

York Sample ID: 13K0142-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:31	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.95		mg/kg dry	0.00118	0.00118	1	EPA 7473	11/11/2013 11:01	11/11/2013 18:02	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	67.5		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-28 (4-6)

York Sample ID: 13K0142-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	21.4		mg/kg dry	1.57	1.57	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC
7440-39-3	Barium	247		mg/kg dry	1.57	1.57	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.470	0.470	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC
7440-47-3	Chromium	10.2		mg/kg dry	0.783	0.783	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC
7439-92-1	Lead	347		mg/kg dry	0.470	0.470	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC
7782-49-2	Selenium	4.03		mg/kg dry	1.57	1.57	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC
7440-22-4	Silver	ND		mg/kg dry	0.783	0.783	1	EPA 6010C	11/07/2013 13:17	11/07/2013 20:59	AMC



Sample Information

Client Sample ID: SP-28 (4-6)

York Sample ID: 13K0142-24

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW
7440-39-3	Barium	1.03		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW
7440-43-9	Cadmium	0.018		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW
7439-92-1	Lead	0.010		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:39	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.04		mg/kg dry	0.00125	0.00125	1	EPA 7473	11/11/2013 11:01	11/11/2013 18:15	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	63.9		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-29 (0-2)

York Sample ID: 13K0142-25

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-29 (0-2)

York Sample ID: 13K0142-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	15.0		mg/kg dry	1.24	1.24	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC
7440-39-3	Barium	1020		mg/kg dry	1.24	1.24	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC
7440-43-9	Cadmium	0.856		mg/kg dry	0.372	0.372	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC
7440-47-3	Chromium	17.1		mg/kg dry	0.619	0.619	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC
7439-92-1	Lead	701		mg/kg dry	0.372	0.372	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC
7782-49-2	Selenium	1.58		mg/kg dry	1.24	1.24	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC
7440-22-4	Silver	ND		mg/kg dry	0.619	0.619	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:04	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW
7440-39-3	Barium	0.578		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW
7440-43-9	Cadmium	0.011		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW
7440-47-3	Chromium	0.008		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW
7439-92-1	Lead	1.15		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:44	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.55		mg/kg dry	0.000991	0.000991	1	EPA 7473	11/11/2013 11:01	11/11/2013 18:31	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.7		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-29 (0-2)

York Sample ID: 13K0142-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-29 (2-4)

York Sample ID: 13K0142-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.80		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC
7440-39-3	Barium	419		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC
7440-47-3	Chromium	21.5		mg/kg dry	0.593	0.593	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC
7439-92-1	Lead	468		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC
7782-49-2	Selenium	1.33		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC
7440-22-4	Silver	ND		mg/kg dry	0.593	0.593	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:09	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW
7440-39-3	Barium	1.98		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW
7439-92-1	Lead	0.264		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:50	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	4.29		mg/kg dry	0.000949	0.000949	1	EPA 7473	11/11/2013 11:01	11/11/2013 18:44	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-29 (2-4)

York Sample ID: 13K0142-26

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-29 (4-6)

York Sample ID: 13K0142-27

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 4, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.22		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC
7440-39-3	Barium	92.3		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.347	0.347	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC
7440-47-3	Chromium	25.7		mg/kg dry	0.579	0.579	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC
7439-92-1	Lead	19.4		mg/kg dry	0.347	0.347	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC
7782-49-2	Selenium	1.82		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC
7440-22-4	Silver	ND		mg/kg dry	0.579	0.579	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:14	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW
7440-39-3	Barium	1.03		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW
7439-92-1	Lead	0.009		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW



Sample Information

Client Sample ID: SP-29 (4-6)

York Sample ID: 13K0142-27

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 09:55	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0204		mg/kg dry	0.000926	0.000926	1	EPA 7473	11/11/2013 11:01	11/11/2013 19:04	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.4		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-30 (0-2)

York Sample ID: 13K0142-28

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	14.9		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC
7440-39-3	Barium	1630		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC
7440-43-9	Cadmium	0.884		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC
7440-47-3	Chromium	27.6		mg/kg dry	0.594	0.594	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC
7439-92-1	Lead	614		mg/kg dry	0.356	0.356	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC
7782-49-2	Selenium	1.56		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC
7440-22-4	Silver	ND		mg/kg dry	0.594	0.594	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:19	AMC



Sample Information

Client Sample ID: SP-30 (0-2)

York Sample ID: 13K0142-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW
7440-39-3	Barium	1.87		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW
7440-43-9	Cadmium	0.010		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW
7439-92-1	Lead	1.26		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:01	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.740		mg/kg dry	0.000950	0.000950	1	EPA 7473	11/11/2013 11:01	11/11/2013 19:13	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.2		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-30 (2-4)

York Sample ID: 13K0142-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.28		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC



Sample Information

Client Sample ID: SP-30 (2-4)

York Sample ID: 13K0142-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	47.8		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.349	0.349	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC
7440-47-3	Chromium	22.4		mg/kg dry	0.581	0.581	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC
7439-92-1	Lead	8.28		mg/kg dry	0.349	0.349	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC
7782-49-2	Selenium	2.26		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC
7440-22-4	Silver	ND		mg/kg dry	0.581	0.581	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:24	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW
7440-39-3	Barium	1.15		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW
7439-92-1	Lead	0.016		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:06	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0382		mg/kg dry	0.000930	0.000930	1	EPA 7473	11/11/2013 11:01	11/11/2013 19:22	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.0		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK



Sample Information

Client Sample ID: SP-30 (2-4)				York Sample ID: 13K0142-29
<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013

Sample Information

Client Sample ID: SP-30 (4-6)				York Sample ID: 13K0142-30
<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.26		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC
7440-39-3	Barium	52.5		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.357	0.357	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC
7440-47-3	Chromium	17.6		mg/kg dry	0.596	0.596	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC
7439-92-1	Lead	23.3		mg/kg dry	0.357	0.357	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC
7782-49-2	Selenium	1.77		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC
7440-22-4	Silver	ND		mg/kg dry	0.596	0.596	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:29	AMC

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW
7440-39-3	Barium	1.17		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW
7439-92-1	Lead	0.019		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:11	MW

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0189		mg/kg dry	0.000953	0.000953	1	EPA 7473	11/11/2013 11:01	11/11/2013 19:31	ALD

Mercury, TCLP

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-30 (4-6)

York Sample ID: 13K0142-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, % Solids, 83.9, %, 0.100, 0.100, 1, SM 2540G, 11/07/2013 13:14, 11/08/2013 10:23, KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1.00, 1, EPA 1311, 11/06/2013 18:00, 11/07/2013 16:27, KK

Sample Information

Client Sample ID: SP-31 (0-2)

York Sample ID: 13K0142-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (10.6), Barium (722), Cadmium (ND), Chromium (18.4), Lead (614), Selenium (1.87), Silver (ND).

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (ND), Barium (1.29), Cadmium (0.007), Chromium (ND), Lead (0.299), Selenium (ND), Silver (ND).

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: SP-31 (0-2)

York Sample ID: 13K0142-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.59		mg/kg dry	0.000934	0.000934	1	EPA 7473	11/11/2013 11:01	11/11/2013 19:40	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.6		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-31 (2-4)

York Sample ID: 13K0142-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	16.3		mg/kg dry	1.34	1.34	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC
7440-39-3	Barium	423		mg/kg dry	1.34	1.34	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.403	0.403	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC
7440-47-3	Chromium	17.5		mg/kg dry	0.672	0.672	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC
7439-92-1	Lead	523		mg/kg dry	0.403	0.403	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC
7782-49-2	Selenium	2.62		mg/kg dry	1.34	1.34	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC
7440-22-4	Silver	ND		mg/kg dry	0.672	0.672	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:52	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW



Sample Information

Client Sample ID: SP-31 (2-4)

York Sample ID: 13K0142-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	0.842		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW
7439-92-1	Lead	0.442		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:35	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	4.25		mg/kg dry	0.00108	0.00108	1	EPA 7473	11/11/2013 11:01	11/11/2013 20:42	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	74.4		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-31 (4-6)

York Sample ID: 13K0142-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.33		mg/kg dry	1.20	1.20	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC



Sample Information

Client Sample ID: SP-31 (4-6)

York Sample ID: 13K0142-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 4, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	38.7		mg/kg dry	1.20	1.20	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.361	0.361	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC
7440-47-3	Chromium	18.0		mg/kg dry	0.601	0.601	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC
7439-92-1	Lead	6.24		mg/kg dry	0.361	0.361	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC
7440-22-4	Silver	ND		mg/kg dry	0.601	0.601	1	EPA 6010C	11/07/2013 13:17	11/07/2013 21:57	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW
7440-39-3	Barium	1.05		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW
7439-92-1	Lead	0.009		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:40	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.517		mg/kg dry	0.000962	0.000962	1	EPA 7473	11/11/2013 11:01	11/11/2013 20:59	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.2		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK



Sample Information

Client Sample ID: SP-31 (4-6)	York Sample ID: 13K0142-33			
<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 4, 2013 3:00 pm	<u>Date Received</u> 11/06/2013

Sample Information

Client Sample ID: SP-32 (0-2)	York Sample ID: 13K0142-34			
<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.9		mg/kg dry	1.27	1.27	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC
7440-39-3	Barium	221		mg/kg dry	1.27	1.27	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC
7440-43-9	Cadmium	0.520		mg/kg dry	0.382	0.382	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC
7440-47-3	Chromium	16.0		mg/kg dry	0.636	0.636	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC
7439-92-1	Lead	434		mg/kg dry	0.382	0.382	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC
7782-49-2	Selenium	1.55		mg/kg dry	1.27	1.27	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC
7440-22-4	Silver	ND		mg/kg dry	0.636	0.636	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:02	AMC

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW
7440-39-3	Barium	0.872		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW
7440-43-9	Cadmium	0.007		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW
7439-92-1	Lead	0.127		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:45	MW

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.64		mg/kg dry	0.00102	0.00102	1	EPA 7473	11/11/2013 18:36	11/11/2013 23:04	ALD

Mercury, TCLP

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.00190		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-32 (0-2)

York Sample ID: 13K0142-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	78.6		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-32 (2-4)

York Sample ID: 13K0142-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.42		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC
7440-39-3	Barium	152		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.358	0.358	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC
7440-47-3	Chromium	17.5		mg/kg dry	0.597	0.597	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC
7439-92-1	Lead	252		mg/kg dry	0.358	0.358	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC
7782-49-2	Selenium	2.16		mg/kg dry	1.19	1.19	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC
7440-22-4	Silver	ND		mg/kg dry	0.597	0.597	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:07	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW
7440-39-3	Barium	1.06		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW
7440-43-9	Cadmium	0.005		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW
7439-92-1	Lead	0.078		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:51	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-32 (2-4)

York Sample ID: 13K0142-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.864		mg/kg dry	0.000955	0.000955	1	EPA 7473	11/11/2013 18:36	11/11/2013 23:20	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.8		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-32 (4-6)

York Sample ID: 13K0142-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.63		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC
7440-39-3	Barium	54.0		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.347	0.347	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC
7440-47-3	Chromium	25.1		mg/kg dry	0.579	0.579	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC
7439-92-1	Lead	7.15		mg/kg dry	0.347	0.347	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC
7782-49-2	Selenium	1.68		mg/kg dry	1.16	1.16	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC
7440-22-4	Silver	ND		mg/kg dry	0.579	0.579	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:13	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW



Sample Information

Client Sample ID: SP-32 (4-6)

York Sample ID: 13K0142-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	1.12		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW
7439-92-1	Lead	0.050		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 10:56	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0620		mg/kg dry	0.000927	0.000927	1	EPA 7473	11/11/2013 18:36	11/11/2013 23:33	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-33 (0-2)

York Sample ID: 13K0142-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	14.9		mg/kg dry	1.38	1.38	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC



Sample Information

Client Sample ID: SP-33 (0-2)

York Sample ID: 13K0142-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	3090		mg/kg dry	1.38	1.38	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC
7440-43-9	Cadmium	1.60		mg/kg dry	0.413	0.413	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC
7440-47-3	Chromium	13.3		mg/kg dry	0.688	0.688	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC
7439-92-1	Lead	901		mg/kg dry	0.413	0.413	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC
7782-49-2	Selenium	2.45		mg/kg dry	1.38	1.38	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC
7440-22-4	Silver	ND		mg/kg dry	0.688	0.688	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:18	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW
7440-39-3	Barium	1.27		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW
7440-43-9	Cadmium	0.015		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW
7440-47-3	Chromium	0.008		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW
7439-92-1	Lead	3.72		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:01	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.08		mg/kg dry	0.00110	0.00110	1	EPA 7473	11/11/2013 18:36	11/11/2013 23:42	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	72.7		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK



Sample Information

Client Sample ID: SP-33 (2-4)

York Sample ID: 13K0142-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.77		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC
7440-39-3	Barium	77.9		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.352	0.352	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC
7440-47-3	Chromium	25.1		mg/kg dry	0.586	0.586	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC
7439-92-1	Lead	78.0		mg/kg dry	0.352	0.352	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC
7782-49-2	Selenium	2.45		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC
7440-22-4	Silver	ND		mg/kg dry	0.586	0.586	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:25	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW
7440-39-3	Barium	1.37		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW
7439-92-1	Lead	0.120		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:07	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.169		mg/kg dry	0.000938	0.000938	1	EPA 7473	11/11/2013 18:36	11/11/2013 23:55	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.3		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-33 (2-4)

York Sample ID: 13K0142-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-33 (4-6)

York Sample ID: 13K0142-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.47		mg/kg dry	1.14	1.14	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC
7440-39-3	Barium	53.5		mg/kg dry	1.14	1.14	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC
7440-47-3	Chromium	17.6		mg/kg dry	0.571	0.571	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC
7439-92-1	Lead	495		mg/kg dry	0.343	0.343	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC
7782-49-2	Selenium	1.25		mg/kg dry	1.14	1.14	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:31	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW
7440-39-3	Barium	1.11		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW
7440-43-9	Cadmium	0.003		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW
7439-92-1	Lead	0.192		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:12	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0240		mg/kg dry	0.000914	0.000914	1	EPA 7473	11/11/2013 18:36	11/12/2013 00:03	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-33 (4-6)

York Sample ID: 13K0142-39

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 5, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.6		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-34 (0-2)

York Sample ID: 13K0142-40

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 5, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.79		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC
7440-39-3	Barium	155		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.351	0.351	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC
7440-47-3	Chromium	19.3		mg/kg dry	0.584	0.584	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC
7439-92-1	Lead	173		mg/kg dry	0.351	0.351	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC
7782-49-2	Selenium	1.47		mg/kg dry	1.17	1.17	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC
7440-22-4	Silver	ND		mg/kg dry	0.584	0.584	1	EPA 6010C	11/07/2013 13:17	11/07/2013 22:36	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW
7440-39-3	Barium	0.826		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW
7439-92-1	Lead	0.055		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW



Sample Information

Client Sample ID: SP-34 (0-2)

York Sample ID: 13K0142-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:20	11/12/2013 11:18	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.20		mg/kg dry	0.000935	0.000935	1	EPA 7473	11/11/2013 18:36	11/12/2013 00:13	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:37	11/11/2013 12:02	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.6		%	0.100	0.100	1	SM 2540G	11/07/2013 13:14	11/08/2013 10:23	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:27	KK

Sample Information

Client Sample ID: SP-34 (2-4)

York Sample ID: 13K0142-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.67		mg/kg dry	1.18	1.18	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW
7440-39-3	Barium	37.5		mg/kg dry	1.18	1.18	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW
7440-43-9	Cadmium	1.68		mg/kg dry	0.355	0.355	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW
7440-47-3	Chromium	18.1		mg/kg dry	0.591	0.591	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW
7439-92-1	Lead	12.6		mg/kg dry	0.355	0.355	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW
7440-22-4	Silver	ND		mg/kg dry	0.591	0.591	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:44	MW



Sample Information

Client Sample ID: SP-34 (2-4)

York Sample ID: 13K0142-41

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW
7440-39-3	Barium	1.73		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW
7440-43-9	Cadmium	0.007		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW
7439-92-1	Lead	0.044		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:15	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.175		mg/kg dry	0.000946	0.000946	1	EPA 7473	11/11/2013 18:36	11/12/2013 00:25	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.6		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK

Sample Information

Client Sample ID: SP-34 (4-6)

York Sample ID: 13K0142-42

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-34 (4-6)

York Sample ID: 13K0142-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.24		mg/kg dry	1.18	1.18	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW
7440-39-3	Barium	66.5		mg/kg dry	1.18	1.18	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW
7440-43-9	Cadmium	2.86		mg/kg dry	0.354	0.354	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW
7440-47-3	Chromium	26.1		mg/kg dry	0.590	0.590	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW
7439-92-1	Lead	15.3		mg/kg dry	0.354	0.354	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.590	0.590	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:49	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW
7440-39-3	Barium	1.34		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW
7439-92-1	Lead	0.015		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:20	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0340		mg/kg dry	0.000945	0.000945	1	EPA 7473	11/11/2013 18:36	11/12/2013 00:34	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.7		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-34 (4-6)

York Sample ID: 13K0142-42

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK

Sample Information

Client Sample ID: SP-35 (0-2)

York Sample ID: 13K0142-43

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.91		mg/kg dry	1.22	1.22	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW
7440-39-3	Barium	58.5		mg/kg dry	1.22	1.22	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW
7440-43-9	Cadmium	1.83		mg/kg dry	0.365	0.365	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW
7440-47-3	Chromium	20.3		mg/kg dry	0.609	0.609	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW
7439-92-1	Lead	12.1		mg/kg dry	0.365	0.365	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW
7782-49-2	Selenium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.609	0.609	1	EPA 6010C	11/11/2013 16:07	11/12/2013 00:54	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW
7440-39-3	Barium	1.12		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW
7439-92-1	Lead	0.023		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:26	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0330		mg/kg dry	0.000974	0.000974	1	EPA 7473	11/11/2013 18:36	11/12/2013 00:43	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-35 (0-2)

York Sample ID: 13K0142-43

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 5, 2013 3:00 pm Date Received 11/06/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.1		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK

Sample Information

Client Sample ID: SP-35 (2-4)

York Sample ID: 13K0142-44

York Project (SDG) No. 13K0142 Client Project ID 130303-28-46 Roebing Brooklyn, NY Matrix Soil Collection Date/Time November 5, 2013 3:00 pm Date Received 11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.51		mg/kg dry	1.16	1.16	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW
7440-39-3	Barium	33.1		mg/kg dry	1.16	1.16	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW
7440-43-9	Cadmium	1.63		mg/kg dry	0.349	0.349	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW
7440-47-3	Chromium	15.1		mg/kg dry	0.581	0.581	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW
7439-92-1	Lead	8.96		mg/kg dry	0.349	0.349	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW
7440-22-4	Silver	ND		mg/kg dry	0.581	0.581	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:12	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW
7440-39-3	Barium	1.11		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW



Sample Information

Client Sample ID: SP-35 (2-4)

York Sample ID: 13K0142-44

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:31	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0509		mg/kg dry	0.000930	0.000930	1	EPA 7473	11/12/2013 08:31	11/12/2013 15:37	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.0		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK

Sample Information

Client Sample ID: SP-35 (4-6)

York Sample ID: 13K0142-45

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.28		mg/kg dry	1.25	1.25	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW
7440-39-3	Barium	39.2		mg/kg dry	1.25	1.25	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW
7440-43-9	Cadmium	1.41		mg/kg dry	0.374	0.374	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW
7440-47-3	Chromium	12.0		mg/kg dry	0.623	0.623	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW
7439-92-1	Lead	10.1		mg/kg dry	0.374	0.374	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW
7782-49-2	Selenium	ND		mg/kg dry	1.25	1.25	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.623	0.623	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:17	MW



Sample Information

Client Sample ID: SP-35 (4-6)

York Sample ID: 13K0142-45

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW
7440-39-3	Barium	1.03		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:36	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0109		mg/kg dry	0.000997	0.000997	1	EPA 7473	11/12/2013 08:31	11/12/2013 15:37	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.2		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK

Sample Information

Client Sample ID: SP-36 (0-2)

York Sample ID: 13K0142-46

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebing Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-36 (0-2)

York Sample ID: 13K0142-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebling Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.98		mg/kg dry	1.25	1.25	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW
7440-39-3	Barium	134		mg/kg dry	1.25	1.25	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW
7440-43-9	Cadmium	1.64		mg/kg dry	0.376	0.376	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW
7440-47-3	Chromium	15.8		mg/kg dry	0.627	0.627	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW
7439-92-1	Lead	277		mg/kg dry	0.376	0.376	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW
7782-49-2	Selenium	ND		mg/kg dry	1.25	1.25	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW
7440-22-4	Silver	ND		mg/kg dry	0.627	0.627	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:22	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW
7440-39-3	Barium	0.500		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:42	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.578		mg/kg dry	0.00100	0.00100	1	EPA 7473	11/12/2013 08:31	11/12/2013 15:37	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	79.7		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-36 (0-2)

York Sample ID: 13K0142-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK

Sample Information

Client Sample ID: SP-36 (2-4)

York Sample ID: 13K0142-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0142

130303-28-46 Roebing Brooklyn, NY

Soil

November 5, 2013 3:00 pm

11/06/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.26		mg/kg dry	1.15	1.15	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW
7440-39-3	Barium	72.8		mg/kg dry	1.15	1.15	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW
7440-43-9	Cadmium	1.36		mg/kg dry	0.344	0.344	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW
7440-47-3	Chromium	16.6		mg/kg dry	0.574	0.574	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW
7439-92-1	Lead	23.5		mg/kg dry	0.344	0.344	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW
7782-49-2	Selenium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW
7440-22-4	Silver	ND		mg/kg dry	0.574	0.574	1	EPA 6010C	11/11/2013 16:07	11/12/2013 01:27	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW
7440-39-3	Barium	0.504		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/08/2013 13:21	11/11/2013 15:49	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0576		mg/kg dry	0.000918	0.000918	1	EPA 7473	11/12/2013 08:31	11/12/2013 15:37	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-36 (2-4)

York Sample ID: 13K0142-47

<u>York Project (SDG) No.</u> 13K0142	<u>Client Project ID</u> 130303-28-46 Roebling Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 5, 2013 3:00 pm	<u>Date Received</u> 11/06/2013
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Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/08/2013 14:38	11/11/2013 12:04	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.1		%	0.100	0.100	1	SM 2540G	11/08/2013 10:31	11/08/2013 14:08	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/06/2013 18:00	11/07/2013 16:21	KK



Analytical Batch Summary

Batch ID: BK30304 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-01	SP-21 (0-2)	11/06/13
13K0142-02	SP-21 (2-4)	11/06/13
13K0142-03	SP-21 (4-6)	11/06/13
13K0142-04	SP-22 (0-2)	11/06/13
13K0142-05	SP-22 (2-4)	11/06/13
13K0142-06	SP-22 (4-6)	11/06/13
13K0142-07	SP-23 (0-2)	11/06/13
13K0142-08	SP-23 (2-4)	11/06/13
13K0142-09	SP-23 (4-6)	11/06/13
13K0142-10	SP-24 (0-2)	11/06/13
13K0142-11	SP-24 (2-4)	11/06/13
13K0142-12	SP-24 (4-6)	11/06/13
13K0142-13	SP-25 (0-2)	11/06/13
13K0142-14	SP-25 (2-4)	11/06/13
13K0142-15	SP-25 (4-6)	11/06/13
13K0142-16	SP-26 (0-2)	11/06/13
13K0142-17	SP-26 (2-4)	11/06/13
13K0142-18	SP-26 (4-6)	11/06/13
13K0142-19	SP-27 (0-2)	11/06/13
13K0142-20	SP-27 (2-4)	11/06/13
BK30304-BLK1	Blank	11/06/13

Batch ID: BK30305 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-21	SP-27 (4-6)	11/06/13
13K0142-22	SP-28 (0-2)	11/06/13
13K0142-23	SP-28 (2-4)	11/06/13
13K0142-24	SP-28 (4-6)	11/06/13
13K0142-25	SP-29 (0-2)	11/06/13
13K0142-26	SP-29 (2-4)	11/06/13
13K0142-27	SP-29 (4-6)	11/06/13
13K0142-28	SP-30 (0-2)	11/06/13
13K0142-29	SP-30 (2-4)	11/06/13
13K0142-30	SP-30 (4-6)	11/06/13
13K0142-31	SP-31 (0-2)	11/06/13
13K0142-32	SP-31 (2-4)	11/06/13
13K0142-33	SP-31 (4-6)	11/06/13
13K0142-34	SP-32 (0-2)	11/06/13
13K0142-35	SP-32 (2-4)	11/06/13
13K0142-36	SP-32 (4-6)	11/06/13
13K0142-37	SP-33 (0-2)	11/06/13
13K0142-38	SP-33 (2-4)	11/06/13
13K0142-39	SP-33 (4-6)	11/06/13
13K0142-40	SP-34 (0-2)	11/06/13
BK30305-BLK1	Blank	11/06/13



Batch ID: BK30306

Preparation Method: EPA SW 846-1311 TCLP ext. for metz

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-41	SP-34 (2-4)	11/06/13
13K0142-42	SP-34 (4-6)	11/06/13
13K0142-43	SP-35 (0-2)	11/06/13
13K0142-44	SP-35 (2-4)	11/06/13
13K0142-45	SP-35 (4-6)	11/06/13
13K0142-46	SP-36 (0-2)	11/06/13
13K0142-47	SP-36 (2-4)	11/06/13
BK30306-BLK1	Blank	11/06/13
BK30306-DUP1	Duplicate	11/06/13

Batch ID: BK30329

Preparation Method: % Solids Prep

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-01	SP-21 (0-2)	11/07/13
13K0142-02	SP-21 (2-4)	11/07/13
13K0142-03	SP-21 (4-6)	11/07/13
13K0142-04	SP-22 (0-2)	11/07/13
13K0142-05	SP-22 (2-4)	11/07/13
13K0142-06	SP-22 (4-6)	11/07/13
13K0142-07	SP-23 (0-2)	11/07/13
13K0142-08	SP-23 (2-4)	11/07/13
13K0142-09	SP-23 (4-6)	11/07/13
13K0142-10	SP-24 (0-2)	11/07/13
13K0142-11	SP-24 (2-4)	11/07/13
13K0142-12	SP-24 (4-6)	11/07/13
13K0142-13	SP-25 (0-2)	11/07/13
13K0142-14	SP-25 (2-4)	11/07/13
13K0142-15	SP-25 (4-6)	11/07/13
13K0142-16	SP-26 (0-2)	11/07/13
13K0142-17	SP-26 (2-4)	11/07/13
13K0142-18	SP-26 (4-6)	11/07/13
13K0142-19	SP-27 (0-2)	11/07/13
13K0142-20	SP-27 (2-4)	11/07/13

Batch ID: BK30332

Preparation Method: % Solids Prep

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-21	SP-27 (4-6)	11/07/13
13K0142-22	SP-28 (0-2)	11/07/13
13K0142-23	SP-28 (2-4)	11/07/13
13K0142-24	SP-28 (4-6)	11/07/13
13K0142-25	SP-29 (0-2)	11/07/13
13K0142-26	SP-29 (2-4)	11/07/13
13K0142-27	SP-29 (4-6)	11/07/13
13K0142-28	SP-30 (0-2)	11/07/13
13K0142-29	SP-30 (2-4)	11/07/13
13K0142-30	SP-30 (4-6)	11/07/13



13K0142-31	SP-31 (0-2)	11/07/13
13K0142-32	SP-31 (2-4)	11/07/13
13K0142-33	SP-31 (4-6)	11/07/13
13K0142-34	SP-32 (0-2)	11/07/13
13K0142-35	SP-32 (2-4)	11/07/13
13K0142-36	SP-32 (4-6)	11/07/13
13K0142-37	SP-33 (0-2)	11/07/13
13K0142-38	SP-33 (2-4)	11/07/13
13K0142-39	SP-33 (4-6)	11/07/13
13K0142-40	SP-34 (0-2)	11/07/13

Batch ID: BK30333 **Preparation Method:** EPA 3050B **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-01	SP-21 (0-2)	11/07/13
13K0142-02	SP-21 (2-4)	11/07/13
13K0142-03	SP-21 (4-6)	11/07/13
13K0142-04	SP-22 (0-2)	11/07/13
13K0142-05	SP-22 (2-4)	11/07/13
13K0142-06	SP-22 (4-6)	11/07/13
13K0142-07	SP-23 (0-2)	11/07/13
13K0142-08	SP-23 (2-4)	11/07/13
13K0142-09	SP-23 (4-6)	11/07/13
13K0142-10	SP-24 (0-2)	11/07/13
13K0142-11	SP-24 (2-4)	11/07/13
13K0142-12	SP-24 (4-6)	11/07/13
13K0142-13	SP-25 (0-2)	11/07/13
13K0142-14	SP-25 (2-4)	11/07/13
13K0142-15	SP-25 (4-6)	11/07/13
13K0142-16	SP-26 (0-2)	11/07/13
13K0142-17	SP-26 (2-4)	11/07/13
13K0142-18	SP-26 (4-6)	11/07/13
13K0142-19	SP-27 (0-2)	11/07/13
13K0142-20	SP-27 (2-4)	11/07/13
BK30333-BLK1	Blank	11/07/13
BK30333-DUP1	Duplicate	11/07/13
BK30333-MS1	Matrix Spike	11/07/13
BK30333-SRM1	Reference	11/07/13

Batch ID: BK30334 **Preparation Method:** EPA 3050B **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-21	SP-27 (4-6)	11/07/13
13K0142-22	SP-28 (0-2)	11/07/13
13K0142-23	SP-28 (2-4)	11/07/13
13K0142-24	SP-28 (4-6)	11/07/13
13K0142-25	SP-29 (0-2)	11/07/13
13K0142-26	SP-29 (2-4)	11/07/13
13K0142-27	SP-29 (4-6)	11/07/13
13K0142-28	SP-30 (0-2)	11/07/13
13K0142-29	SP-30 (2-4)	11/07/13
13K0142-30	SP-30 (4-6)	11/07/13



13K0142-31	SP-31 (0-2)	11/07/13
13K0142-32	SP-31 (2-4)	11/07/13
13K0142-33	SP-31 (4-6)	11/07/13
13K0142-34	SP-32 (0-2)	11/07/13
13K0142-35	SP-32 (2-4)	11/07/13
13K0142-36	SP-32 (4-6)	11/07/13
13K0142-37	SP-33 (0-2)	11/07/13
13K0142-38	SP-33 (2-4)	11/07/13
13K0142-39	SP-33 (4-6)	11/07/13
13K0142-40	SP-34 (0-2)	11/07/13
BK30334-BLK1	Blank	11/07/13
BK30334-DUP1	Duplicate	11/07/13
BK30334-MS1	Matrix Spike	11/07/13
BK30334-SRM1	Reference	11/07/13

Batch ID: BK30336 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-01	SP-21 (0-2)	11/07/13
13K0142-02	SP-21 (2-4)	11/07/13
13K0142-03	SP-21 (4-6)	11/07/13
13K0142-04	SP-22 (0-2)	11/07/13
13K0142-05	SP-22 (2-4)	11/07/13
13K0142-06	SP-22 (4-6)	11/07/13
13K0142-07	SP-23 (0-2)	11/07/13
13K0142-08	SP-23 (2-4)	11/07/13
13K0142-09	SP-23 (4-6)	11/07/13
13K0142-10	SP-24 (0-2)	11/07/13
13K0142-11	SP-24 (2-4)	11/07/13
13K0142-12	SP-24 (4-6)	11/07/13
13K0142-13	SP-25 (0-2)	11/07/13
13K0142-14	SP-25 (2-4)	11/07/13
13K0142-15	SP-25 (4-6)	11/07/13
13K0142-16	SP-26 (0-2)	11/07/13
13K0142-17	SP-26 (2-4)	11/07/13
13K0142-18	SP-26 (4-6)	11/07/13
13K0142-19	SP-27 (0-2)	11/07/13
13K0142-20	SP-27 (2-4)	11/07/13
BK30336-BLK1	Blank	11/07/13
BK30336-BLK2	Blank	11/07/13
BK30336-DUP1	Duplicate	11/07/13
BK30336-MS1	Matrix Spike	11/07/13
BK30336-SRM1	Reference	11/07/13

Batch ID: BK30385 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-01	SP-21 (0-2)	11/08/13
13K0142-02	SP-21 (2-4)	11/08/13
13K0142-03	SP-21 (4-6)	11/08/13
13K0142-04	SP-22 (0-2)	11/08/13
13K0142-05	SP-22 (2-4)	11/08/13



13K0142-06	SP-22 (4-6)	11/08/13
13K0142-07	SP-23 (0-2)	11/08/13
13K0142-08	SP-23 (2-4)	11/08/13
13K0142-09	SP-23 (4-6)	11/08/13
13K0142-10	SP-24 (0-2)	11/08/13
13K0142-11	SP-24 (2-4)	11/08/13
13K0142-12	SP-24 (4-6)	11/08/13
13K0142-13	SP-25 (0-2)	11/08/13
13K0142-14	SP-25 (2-4)	11/08/13
13K0142-15	SP-25 (4-6)	11/08/13
13K0142-16	SP-26 (0-2)	11/08/13
13K0142-17	SP-26 (2-4)	11/08/13
13K0142-18	SP-26 (4-6)	11/08/13
13K0142-19	SP-27 (0-2)	11/08/13
13K0142-20	SP-27 (2-4)	11/08/13
BK30385-BLK1	Blank	11/08/13
BK30385-BLK2	Blank	11/08/13
BK30385-BS1	LCS	11/08/13
BK30385-DUP1	Duplicate	11/08/13
BK30385-MS1	Matrix Spike	11/08/13

Batch ID: BK30395 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-41	SP-34 (2-4)	11/08/13
13K0142-42	SP-34 (4-6)	11/08/13
13K0142-43	SP-35 (0-2)	11/08/13
13K0142-44	SP-35 (2-4)	11/08/13
13K0142-45	SP-35 (4-6)	11/08/13
13K0142-46	SP-36 (0-2)	11/08/13
13K0142-47	SP-36 (2-4)	11/08/13

Batch ID: BK30405 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-21	SP-27 (4-6)	11/08/13
13K0142-22	SP-28 (0-2)	11/08/13
13K0142-23	SP-28 (2-4)	11/08/13
13K0142-24	SP-28 (4-6)	11/08/13
13K0142-25	SP-29 (0-2)	11/08/13
13K0142-26	SP-29 (2-4)	11/08/13
13K0142-27	SP-29 (4-6)	11/08/13
13K0142-28	SP-30 (0-2)	11/08/13
13K0142-29	SP-30 (2-4)	11/08/13
13K0142-30	SP-30 (4-6)	11/08/13
13K0142-31	SP-31 (0-2)	11/08/13
13K0142-32	SP-31 (2-4)	11/08/13
13K0142-33	SP-31 (4-6)	11/08/13
13K0142-34	SP-32 (0-2)	11/08/13
13K0142-35	SP-32 (2-4)	11/08/13
13K0142-36	SP-32 (4-6)	11/08/13
13K0142-37	SP-33 (0-2)	11/08/13



13K0142-38	SP-33 (2-4)	11/08/13
13K0142-39	SP-33 (4-6)	11/08/13
13K0142-40	SP-34 (0-2)	11/08/13
BK30405-BLK1	Blank	11/08/13
BK30405-BLK2	Blank	11/08/13
BK30405-DUP1	Duplicate	11/08/13
BK30405-MS1	Matrix Spike	11/08/13
BK30405-SRM1	Reference	11/08/13

Batch ID: BK30407 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-41	SP-34 (2-4)	11/08/13
13K0142-42	SP-34 (4-6)	11/08/13
13K0142-43	SP-35 (0-2)	11/08/13
13K0142-44	SP-35 (2-4)	11/08/13
13K0142-45	SP-35 (4-6)	11/08/13
13K0142-46	SP-36 (0-2)	11/08/13
13K0142-47	SP-36 (2-4)	11/08/13
BK30407-BLK1	Blank	11/08/13
BK30407-BLK2	Blank	11/08/13
BK30407-DUP1	Duplicate	11/08/13
BK30407-MS1	Matrix Spike	11/08/13
BK30407-SRM1	Reference	11/08/13

Batch ID: BK30414 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-21	SP-27 (4-6)	11/08/13
13K0142-22	SP-28 (0-2)	11/08/13
13K0142-23	SP-28 (2-4)	11/08/13
13K0142-24	SP-28 (4-6)	11/08/13
13K0142-25	SP-29 (0-2)	11/08/13
13K0142-26	SP-29 (2-4)	11/08/13
13K0142-27	SP-29 (4-6)	11/08/13
13K0142-28	SP-30 (0-2)	11/08/13
13K0142-29	SP-30 (2-4)	11/08/13
13K0142-30	SP-30 (4-6)	11/08/13
13K0142-31	SP-31 (0-2)	11/08/13
13K0142-32	SP-31 (2-4)	11/08/13
13K0142-33	SP-31 (4-6)	11/08/13
13K0142-34	SP-32 (0-2)	11/08/13
13K0142-35	SP-32 (2-4)	11/08/13
13K0142-36	SP-32 (4-6)	11/08/13
13K0142-37	SP-33 (0-2)	11/08/13
13K0142-38	SP-33 (2-4)	11/08/13
13K0142-39	SP-33 (4-6)	11/08/13
13K0142-40	SP-34 (0-2)	11/08/13
BK30414-BLK1	Blank	11/08/13
BK30414-BLK2	Blank	11/08/13
BK30414-BS1	LCS	11/08/13
BK30414-DUP1	Duplicate	11/08/13



BK30414-MS1

Matrix Spike

11/08/13

Batch ID: BK30415

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-41	SP-34 (2-4)	11/08/13
13K0142-42	SP-34 (4-6)	11/08/13
13K0142-43	SP-35 (0-2)	11/08/13
13K0142-44	SP-35 (2-4)	11/08/13
13K0142-45	SP-35 (4-6)	11/08/13
13K0142-46	SP-36 (0-2)	11/08/13
13K0142-47	SP-36 (2-4)	11/08/13
BK30415-BLK1	Blank	11/08/13
BK30415-BLK2	Blank	11/08/13
BK30415-BS1	LCS	11/08/13
BK30415-DUP1	Duplicate	11/08/13
BK30415-MS1	Matrix Spike	11/08/13

Batch ID: BK30436

Preparation Method: EPA 7473 soil

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-01	SP-21 (0-2)	11/11/13
13K0142-02	SP-21 (2-4)	11/11/13
13K0142-03	SP-21 (4-6)	11/11/13
13K0142-04	SP-22 (0-2)	11/11/13
13K0142-05	SP-22 (2-4)	11/11/13
13K0142-06	SP-22 (4-6)	11/11/13
13K0142-07	SP-23 (0-2)	11/11/13
13K0142-08	SP-23 (2-4)	11/11/13
13K0142-09	SP-23 (4-6)	11/11/13
13K0142-10	SP-24 (0-2)	11/11/13
13K0142-11	SP-24 (2-4)	11/11/13
13K0142-12	SP-24 (4-6)	11/11/13
13K0142-13	SP-25 (0-2)	11/11/13
BK30436-BLK1	Blank	11/11/13
BK30436-SRM1	Reference	11/11/13

Batch ID: BK30462

Preparation Method: EPA 7473 soil

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-14	SP-25 (2-4)	11/11/13
13K0142-15	SP-25 (4-6)	11/11/13
13K0142-16	SP-26 (0-2)	11/11/13
13K0142-17	SP-26 (2-4)	11/11/13
13K0142-18	SP-26 (4-6)	11/11/13
13K0142-19	SP-27 (0-2)	11/11/13
13K0142-20	SP-27 (2-4)	11/11/13
13K0142-21	SP-27 (4-6)	11/11/13
13K0142-22	SP-28 (0-2)	11/11/13
13K0142-23	SP-28 (2-4)	11/11/13
13K0142-24	SP-28 (4-6)	11/11/13



13K0142-25	SP-29 (0-2)	11/11/13
13K0142-26	SP-29 (2-4)	11/11/13
13K0142-27	SP-29 (4-6)	11/11/13
13K0142-28	SP-30 (0-2)	11/11/13
13K0142-29	SP-30 (2-4)	11/11/13
13K0142-30	SP-30 (4-6)	11/11/13
13K0142-31	SP-31 (0-2)	11/11/13
13K0142-32	SP-31 (2-4)	11/11/13
13K0142-33	SP-31 (4-6)	11/11/13
BK30462-BLK1	Blank	11/11/13
BK30462-DUP1	Duplicate	11/11/13
BK30462-MS1	Matrix Spike	11/11/13
BK30462-SRM1	Reference	11/11/13

Batch ID: BK30485 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-41	SP-34 (2-4)	11/11/13
13K0142-42	SP-34 (4-6)	11/11/13
13K0142-43	SP-35 (0-2)	11/11/13
13K0142-44	SP-35 (2-4)	11/11/13
13K0142-45	SP-35 (4-6)	11/11/13
13K0142-46	SP-36 (0-2)	11/11/13
13K0142-47	SP-36 (2-4)	11/11/13
BK30485-BLK1	Blank	11/11/13
BK30485-SRM1	Reference	11/11/13

Batch ID: BK30495 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-34	SP-32 (0-2)	11/11/13
13K0142-35	SP-32 (2-4)	11/11/13
13K0142-36	SP-32 (4-6)	11/11/13
13K0142-37	SP-33 (0-2)	11/11/13
13K0142-38	SP-33 (2-4)	11/11/13
13K0142-39	SP-33 (4-6)	11/11/13
13K0142-40	SP-34 (0-2)	11/11/13
13K0142-41	SP-34 (2-4)	11/11/13
13K0142-42	SP-34 (4-6)	11/11/13
13K0142-43	SP-35 (0-2)	11/11/13
BK30495-BLK1	Blank	11/11/13
BK30495-SRM1	Reference	11/11/13

Batch ID: BK30521 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13K0142-44	SP-35 (2-4)	11/12/13
13K0142-45	SP-35 (4-6)	11/12/13
13K0142-46	SP-36 (0-2)	11/12/13
13K0142-47	SP-36 (2-4)	11/12/13
BK30521-BLK1	Blank	11/12/13



BK30521-SRM1

Reference

11/12/13



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
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Batch BK30333 - EPA 3050B

Blank (BK30333-BLK1)

Prepared & Analyzed: 11/07/2013

Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								

Duplicate (BK30333-DUP1)

*Source sample: 13K0142-01 (SP-21 (0-2))

Prepared & Analyzed: 11/07/2013

Arsenic	6.95	1.19	mg/kg dry	237	6.91	103	75-125		0.620	35	
Barium	646	1.19	"	237	642	105	75-125		0.500	35	
Cadmium	ND	0.356	"	5.93	ND	102	75-125			35	
Chromium	33.6	0.593	"	23.7	33.3	98.4	75-125		0.897	35	
Lead	416	0.356	"	59.3	413	114	75-125		0.718	35	
Selenium	ND	1.19	"	85.9	ND	102	63.9-136			35	
Silver	ND	0.593	"	61.3	ND	92.2	66.9-133			35	

Matrix Spike (BK30333-MS1)

*Source sample: 13K0142-01 (SP-21 (0-2))

Prepared & Analyzed: 11/07/2013

Arsenic	251	1.19	mg/kg dry	237	6.91	103	75-125				
Barium	892	1.19	"	237	642	105	75-125				
Cadmium	6.03	0.356	"	5.93	ND	102	75-125				
Chromium	56.6	0.593	"	23.7	33.3	98.4	75-125				
Lead	481	0.356	"	59.3	413	114	75-125				
Silver	3.38	0.593	"	5.93	ND	57.1	75-125	Low Bias			

Reference (BK30333-SRM1)

Prepared & Analyzed: 11/07/2013

Arsenic	181	1.00	mg/kg wet	182	99.5		70.9-130				
Barium	142	1.00	"	143	99.5		72.7-128				
Cadmium	56.2	0.300	"	60.4	93.1		73.2-129				
Chromium	120	0.500	"	125	96.0		69.8-130				
Lead	130	0.300	"	136	95.5		73.1-127				
Selenium	87.3	1.00	"	85.9	102		63.9-136				
Silver	56.5	0.500	"	61.3	92.2		66.9-133				



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
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Batch BK30334 - EPA 3050B

Blank (BK30334-BLK1)

Prepared & Analyzed: 11/07/2013

Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								

Duplicate (BK30334-DUP1)

*Source sample: 13K0142-21 (SP-27 (4-6))

Prepared & Analyzed: 11/07/2013

Arsenic	2.63	1.19	mg/kg dry	237	2.67	96.0	75-125		1.46	35	
Barium	69.0	1.19	"	237	68.8	102	75-125		0.402	35	
Cadmium	ND	0.356	"	5.93	ND	83.5	75-125			35	
Chromium	21.7	0.593	"	23.7	21.6	102	75-125		0.235	35	
Lead	6.49	0.356	"	59.3	6.82	94.3	75-125		4.92	35	
Selenium	1.50	1.19	"	85.9	1.84	102	75-125		20.5	35	
Silver	ND	0.593	"	61.3	ND	93.2	75-125			35	

Matrix Spike (BK30334-MS1)

*Source sample: 13K0142-21 (SP-27 (4-6))

Prepared & Analyzed: 11/07/2013

Arsenic	230	1.19	mg/kg dry	237	2.67	96.0	75-125				
Barium	310	1.19	"	237	68.8	102	75-125				
Cadmium	4.95	0.356	"	5.93	ND	83.5	75-125				
Chromium	45.7	0.593	"	23.7	21.6	102	75-125				
Lead	62.7	0.356	"	59.3	6.82	94.3	75-125				
Silver	1.71	0.593	"	61.3	ND	93.2	75-125	Low Bias			

Reference (BK30334-SRM1)

Prepared & Analyzed: 11/07/2013

Arsenic	181	1.00	mg/kg wet	182		99.3	70.9-130				
Barium	143	1.00	"	143		100	72.7-128				
Cadmium	56.6	0.300	"	60.4		93.7	73.2-129				
Chromium	121	0.500	"	125		97.2	69.8-130				
Lead	130	0.300	"	136		95.7	73.1-127				
Selenium	87.4	1.00	"	85.9		102	63.9-136				
Silver	57.1	0.500	"	61.3		93.2	66.9-133				



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
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Batch BK30336 - EPA 3010A

Blank (BK30336-BLK1)

Prepared & Analyzed: 11/07/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BK30336-BLK2)

Prepared & Analyzed: 11/07/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.013	0.010	"								
Silver	ND	0.005	"								

Duplicate (BK30336-DUP1)

*Source sample: 13K0142-20 (SP-27 (2-4))

Prepared: 11/07/2013 Analyzed: 11/08/2013

Arsenic	ND	0.004	mg/L		ND						20
Barium	0.801	0.010	"		0.817				1.99		20
Cadmium	ND	0.003	"		ND						20
Chromium	ND	0.005	"		ND						20
Lead	0.072	0.003	"		0.072				0.176		20
Selenium	ND	0.010	"		ND						20
Silver	ND	0.005	"		ND						20

Matrix Spike (BK30336-MS1)

*Source sample: 13K0142-20 (SP-27 (2-4))

Prepared: 11/07/2013 Analyzed: 11/08/2013

Arsenic	2.15	0.004	mg/L	2.00	ND	107	75-125				
Barium	2.70	0.010	"	2.00	0.817	94.0	75-125				
Cadmium	0.048	0.003	"	0.0500	ND	95.2	75-125				
Chromium	0.195	0.005	"	0.200	ND	97.6	75-125				
Lead	0.512	0.003	"	0.500	0.072	88.0	75-125				
Selenium	2.38	0.010	"	2.00	ND	119	75-125				
Silver	0.048	0.005	"	0.0500	ND	95.7	75-125				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BK30336 - EPA 3010A

Reference (BK30336-SRM1)

Prepared & Analyzed: 11/07/2013

Arsenic	0.298	0.004	mg/L	0.341		87.5	83.3-118				
Barium	1.17	0.010	"	1.18		99.2	86.4-113				
Cadmium	0.077	0.003	"	0.0854		89.6	84.4-115				
Chromium	0.613	0.005	"	0.644		95.2	87.1-113				
Lead	0.497	0.003	"	0.517		96.1	87-113				
Selenium	0.317	0.010	"	0.362		87.5	78.7-116				
Silver	0.187	0.005	"	0.210		88.8	85.7-115				

Batch BK30405 - EPA 3010A

Blank (BK30405-BLK1)

Prepared: 11/08/2013 Analyzed: 11/12/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BK30405-BLK2)

Prepared: 11/08/2013 Analyzed: 11/12/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.025	0.010	"								
Silver	ND	0.005	"								



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit	Units							Level	Result

Batch BK30405 - EPA 3010A

Duplicate (BK30405-DUP1)		*Source sample: 13K0142-40 (SP-34 (0-2))						Prepared: 11/08/2013 Analyzed: 11/12/2013				
Arsenic	ND	0.004	mg/L		ND						20	
Barium	0.823	0.010	"		0.826					0.339	20	
Cadmium	0.006	0.003	"		0.006					1.52	20	
Chromium	ND	0.005	"		ND						20	
Lead	0.054	0.003	"		0.055					0.821	20	
Selenium	ND	0.010	"		ND						20	
Silver	ND	0.005	"		ND						20	

Matrix Spike (BK30405-MS1)		*Source sample: 13K0142-40 (SP-34 (0-2))						Prepared: 11/08/2013 Analyzed: 11/12/2013				
Arsenic	2.03	0.004	mg/L	2.00	ND	102	75-125					
Barium	2.58	0.010	"	2.00	0.826	87.9	75-125					
Cadmium	0.047	0.003	"	0.0500	0.006	80.6	75-125					
Chromium	0.165	0.005	"	0.200	ND	82.5	75-125					
Lead	0.438	0.003	"	0.500	0.055	76.5	75-125					
Selenium	2.31	0.010	"	2.00	ND	115	75-125					
Silver	0.046	0.005	"	0.0500	ND	91.4	75-125					

Reference (BK30405-SRM1)		Prepared: 11/08/2013 Analyzed: 11/12/2013										
Arsenic	0.301	0.004	mg/L	0.341		88.2	83.3-118					
Barium	1.18	0.010	"	1.18		100	86.4-113					
Cadmium	0.078	0.003	"	0.0854		91.5	84.4-115					
Chromium	0.606	0.005	"	0.644		94.1	87.1-113					
Lead	0.490	0.003	"	0.517		94.8	87-113					
Selenium	0.324	0.010	"	0.362		89.5	78.7-116					
Silver	0.188	0.005	"	0.210		89.4	85.7-115					

Batch BK30407 - EPA 3010A

Blank (BK30407-BLK1)		Prepared: 11/08/2013 Analyzed: 11/11/2013										
Arsenic	ND	0.004	mg/L									
Barium	ND	0.010	"									
Cadmium	ND	0.003	"									
Chromium	ND	0.005	"									
Lead	ND	0.003	"									
Selenium	ND	0.010	"									
Silver	ND	0.005	"									



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
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Batch BK30407 - EPA 3010A

Blank (BK30407-BLK2)

Prepared: 11/08/2013 Analyzed: 11/11/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.035	0.010	"								
Silver	ND	0.005	"								

Duplicate (BK30407-DUP1)

*Source sample: 13K0142-47 (SP-36 (2-4))

Prepared: 11/08/2013 Analyzed: 11/11/2013

Arsenic	ND	0.004	mg/L		ND						20
Barium	0.499	0.010	"		0.504				0.975		20
Cadmium	ND	0.003	"		ND						20
Chromium	ND	0.005	"		ND						20
Lead	ND	0.003	"		ND						20
Selenium	0.046	0.010	"		ND						20
Silver	ND	0.005	"		ND						20

Matrix Spike (BK30407-MS1)

*Source sample: 13K0142-47 (SP-36 (2-4))

Prepared: 11/08/2013 Analyzed: 11/11/2013

Arsenic	2.18	0.004	mg/L	2.00	ND	109	75-125				
Barium	2.27	0.010	"	2.00	0.504	88.1	75-125				
Cadmium	0.040	0.003	"	0.0500	ND	80.1	75-125				
Chromium	0.176	0.005	"	0.200	ND	87.9	75-125				
Lead	0.374	0.003	"	0.500	ND	74.8	75-125		Low Bias		
Selenium	2.59	0.010	"	2.00	ND	129	75-125		High Bias		
Silver	0.051	0.005	"	0.0500	ND	101	75-125				

Reference (BK30407-SRM1)

Prepared: 11/08/2013 Analyzed: 11/11/2013

Arsenic	0.317	0.004	mg/L	0.341		93.0	83.3-118				
Barium	1.23	0.010	"	1.18		105	86.4-113				
Cadmium	0.082	0.003	"	0.0854		96.2	84.4-115				
Chromium	0.643	0.005	"	0.644		99.9	87.1-113				
Lead	0.510	0.003	"	0.517		98.6	87-113				
Selenium	0.342	0.010	"	0.362		94.4	78.7-116				
Silver	0.191	0.005	"	0.210		90.9	85.7-115				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits		Limit			

Batch BK30485 - EPA 3050B

Blank (BK30485-BLK1)

Prepared: 11/11/2013 Analyzed: 11/12/2013

Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								

Reference (BK30485-SRM1)

Prepared: 11/11/2013 Analyzed: 11/12/2013

Arsenic	171	1.00	mg/kg wet	182	94.1	70.9-130
Barium	135	1.00	"	143	94.1	72.7-128
Cadmium	57.2	0.300	"	60.4	94.8	73.2-129
Chromium	115	0.500	"	125	92.0	69.8-130
Lead	122	0.300	"	136	90.0	73.1-127
Selenium	82.2	1.00	"	85.9	95.7	63.9-136
Silver	55.3	0.500	"	61.3	90.2	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 BK30385 - EPA SW846-7470											
Blank (BK30385-BLK1)										Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	ND	0.000200	mg/L								
Blank (BK30385-BLK2)										Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	ND	0.000200	mg/L								
LCS (BK30385-BS1)										Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	0.00207	0.000200	mg/L	0.00200		103	80-120				
Duplicate (BK30385-DUP1)										*Source sample: 13K0142-20 (SP-27 (2-4)) Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BK30385-MS1)										*Source sample: 13K0142-20 (SP-27 (2-4)) Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	0.00209	0.000200	mg/L	0.00200	ND	105	75-125				
Batch BK30414 - EPA SW846-7470											
Blank (BK30414-BLK1)										Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	ND	0.000200	mg/L								
Blank (BK30414-BLK2)										Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	ND	0.000200	mg/L								
LCS (BK30414-BS1)										Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	0.00204	0.000200	mg/L	0.00200		102	80-120				
Duplicate (BK30414-DUP1)										*Source sample: 13K0142-40 (SP-34 (0-2)) Prepared: 11/08/2013 Analyzed: 11/11/2013	
Mercury	ND	0.000200	mg/L		ND					20	



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 BK30414 - EPA SW846-7470											
Matrix Spike (BK30414-MS1)	*Source sample: 13K0142-40 (SP-34 (0-2))						Prepared: 11/08/2013 Analyzed: 11/11/2013				
Mercury	0.00205	0.000200	mg/L	0.00200	ND	103	75-125				
Batch BK30415 - EPA SW846-7470											
Blank (BK30415-BLK1)							Prepared: 11/08/2013 Analyzed: 11/11/2013				
Mercury	ND	0.000200	mg/L								
Blank (BK30415-BLK2)							Prepared: 11/08/2013 Analyzed: 11/11/2013				
Mercury	ND	0.000200	mg/L								
LCS (BK30415-BS1)							Prepared: 11/08/2013 Analyzed: 11/11/2013				
Mercury	0.00211	0.000200	mg/L	0.00200		105	80-120				
Duplicate (BK30415-DUP1)	*Source sample: 13K0142-47 (SP-36 (2-4))						Prepared: 11/08/2013 Analyzed: 11/11/2013				
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BK30415-MS1)	*Source sample: 13K0142-47 (SP-36 (2-4))						Prepared: 11/08/2013 Analyzed: 11/11/2013				
Mercury	0.00204	0.000200	mg/L	0.00200	ND	102	75-125				
Batch BK30436 - EPA 7473 soil											
Blank (BK30436-BLK1)							Prepared & Analyzed: 11/11/2013				
Mercury	ND	0.000800	mg/kg wet								
Reference (BK30436-SRM1)							Prepared & Analyzed: 11/11/2013				
Mercury	3.85		mg/kg	3.73		103	68.6-131				



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 BK30462 - EPA 7473 soil											
Blank (BK30462-BLK1)										Prepared & Analyzed: 11/11/2013	
Mercury	ND	0.000800	mg/kg wet								
Duplicate (BK30462-DUP1)										*Source sample: 13K0142-14 (SP-25 (2-4))	
										Prepared & Analyzed: 11/11/2013	
Mercury	0.413	0.00114	mg/kg dry		0.785				62.1	35	Non-dir.
Matrix Spike (BK30462-MS1)										*Source sample: 13K0142-14 (SP-25 (2-4))	
										Prepared & Analyzed: 11/11/2013	
Mercury	1.17		mg/kg	0.500	0.552	124	75-125				
Reference (BK30462-SRM1)										Prepared & Analyzed: 11/11/2013	
Mercury	4.59		mg/kg	3.73		123	68.6-131				
Batch BK30495 - EPA 7473 soil											
Blank (BK30495-BLK1)										Prepared & Analyzed: 11/11/2013	
Mercury	ND	0.000800	mg/kg wet								
Reference (BK30495-SRM1)										Prepared: 11/11/2013 Analyzed: 11/12/2013	
Mercury	4.59		mg/kg	3.73		123	68.6-131				
Batch BK30521 - EPA 7473 soil											
Blank (BK30521-BLK1)										Prepared & Analyzed: 11/12/2013	
Mercury	ND	0.000800	mg/kg wet								
Reference (BK30521-SRM1)										Prepared & Analyzed: 11/12/2013	
Mercury	0.00		mg/kg	3.73			68.6-131	Low Bias			



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 BK30304 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK30304-BLK1)										Prepared: 11/06/2013 Analyzed: 11/07/2013	
TCLP Extraction	Completed	1.00	N/A								
Batch BK30305 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK30305-BLK1)										Prepared: 11/06/2013 Analyzed: 11/07/2013	
TCLP Extraction	Completed	1.00	N/A								
Batch BK30306 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK30306-BLK1)										Prepared: 11/06/2013 Analyzed: 11/07/2013	
TCLP Extraction	Completed	1.00	N/A								
Duplicate (BK30306-DUP1)										*Source sample: 13K0142-47 (SP-36 (2-4)) Prepared: 11/06/2013 Analyzed: 11/07/2013	
TCLP Extraction	Completed	1.00	N/A		Completed					200	



Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- M-MISpk The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
- EXT-COMP Completed
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

-
- ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by a written contract.

York Project No. / 3K0142

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>Hydro Tech Env Corp</u>	<input checked="" type="checkbox"/> SAME <input type="checkbox"/>	Name: <u>Muslima Ward</u>	<input type="checkbox"/> SAME <input checked="" type="checkbox"/>	8270 or 625 STARS list	8082PCB	TPH GRO	TPH DRO	RUSH-Same Day	Summary Report	X	
Address: <u>15 Ocean Ave, 2nd Fl</u>		Company: <u>Hydro Tech Env</u>		624 STARS list	8081Pest	TPH list	TPH DRO	RUSH-Next Day	QA Report	X	
Phone: <u>718-636-0800</u>		Address: <u>77 Arkay Drive, Suite G</u>		BTEX	Actds Only	TAL	CT ETPH	RUSH-Two Day	CT RCP		
Contact: <u>Sasha Rothenberg</u>		Address: <u>Hauppauge, NY 11788</u>		MTBE	PAH list	Suffolk Co.	NY 310-13	RUSH-Three Day	CT RCP DQADUE Pkg		
E-mail: <u>srothenberg@hydrotechenvironmental.com</u>		E-mail: <u>mward@hydrotechenvironmental.com</u>		TCL list	TAGM list	Ketones	TPH 1664	RUSH-Four Day	NY ASP A Package		
				TAGM list	CT RCP list	Oxygenates	Air TO14A	Standard (5-7day)	NY ASP B Package		
				CT RCP list	TCL P list	TCL P list	Air TO15		NJDEP Reduced Deliv		

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

Matrix Codes
S - soil
Other - specify (oil, etc)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Sasha Rothenberg
Name (printed)
Sasha Rothenberg

Volatiles	Semi-Vols, Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	8270 or 625	RCRA8	TPH GRO	Pri.Poll.
624	STARS list	PP13 list	TPH DRO	TCL Organics
STARS list	BN Only	TAL	CT ETPH	TALM/ACN
BTEX	Actds Only	CTLS list	NY 310-13	Full TCLP
MTBE	PAH list	TAGM list	TPH 1664	Full App. IX
TCL list	TAGM list	NJDEP list	Air TO14A	Part 360-2.3.1.1.1
TAGM list	CT RCP list	Total	Air TO15	Part 360-2.3.1.1.2
CT RCP list	TCL P list	TCL P list	Air STARS	Part 360-2.3.1.1.3
Ar. only	502.2	Disolved	Air VPH	Part 360-2.3.1.1.4
Halog. only	NJDEP list	STP or TCLP	Air TICs	NYDEP Spec
App. IX list	App. IX	Indic. Metal	Methane	NYDEP Spec
8021B list	SPL or TCLP	LIST 2-elov	Hohum	NYDEP Spec
		608 Pest		TAGM
		SPL or TCLP		

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-21(0-2)	11/4/13	S	RCRA metals, TCLP metals	807 jars
SP-21(2-4)	"	"	"	"
SP-21(4-6)	"	"	"	"
SP-22(0-2)	"	"	"	"
SP-22(2-4)	"	"	"	"
SP-22(4-6)	"	"	"	"
SP-23(0-2)	"	"	"	"
SP-23(2-4)	"	"	"	"

Preservation (check all applicable)
 4°C Frozen HCl ZnAc HNO₃ H₂SO₄ NaOH Other

Special Instructions
 Field Filtered
 Lab to Filter

Comments:
 2/11/13
 Samples Relinquished By K. Bode Date/Time 11-6-13 10 AM
 Samples Relinquished By K. Bode Date/Time 11/6/13-1750
 Samples Received in LAB by K. Bode Date/Time 11/6/13-1750
 Temperature on Receipt 4.4 °C

Field Chain-of-Custody Record

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YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Hydro Tech Env Corp	<input checked="" type="checkbox"/> SAME	<input checked="" type="checkbox"/> SAME	Name: Muslima Ward	8270 & 625 8082 PCB		Misc. Org. Full Lists		RUSH-Same Day	Summary Report	X	
Address: 15 Ocean Ave, 2nd Fl			Company: Hydro Tech Env	624 STARS list 8081Pest		TPH GRO		RUSH-Next Day	QA Report	X	
Phone: 718-636-0800			Address: 77 Arkay Drive, Suite G	BN Only Nassau Co. 815 Herb		CT ETPH TALMAGN		RUSH-Two Day	CT RCP		
Contact: Sasha Rothenberg			E-mail: srothenberg@hydrotechenvironmental.com	Acids Only PAH list		NY 310-13 Full TCLP		RUSH-Three Day	CT RCP DOA/DUE Pkg		
				Ketones TAGM list		TPH 1664 Full App. IX		RUSH-Four Day	NY ASP A Package		
				Oxygenates TAGM list		Air T014A Part 360-Subst		Standard (5-7day)	NY ASP B Package		
				TCLP list		Air T015 Part 360-Subst		NJDEP Reduced Deliv	Excel	X	
				TAGM list		Air STARS Part 360-Subst		Excels	NYSDEC EQUIS	X	
				CT RCP list		Air VPH Part 360-Subst		NJDEP SRP HazSite	EQUIS		
				Arom. only		Air TICs NYCDEP Spec		GIS/KEY (std)	YORK Regulatory		
				Halog. only		Methane		Comp Excel	compared to:		
				App. IX list		Helium		NYSDEC Part 375	Unrestricted SCO -		
				8021B list				Residential SCO	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)
Sasha Rothenberg
Name (printed)
Sasha Rothenberg

MATRIX Codes
S - soil
Other - specify (oil, etc)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-23(4-6)	11/4/13	S	ICPA metals + TCLP metals	8 ct.
SP-24(0-2)	"	"	"	"
SP-24(2-4)	"	"	"	"
SP-24(4-6)	"	"	"	"
SP-25(0-2)	"	"	"	"
SP-25(2-4)	"	"	"	"
SP-25(4-6)	"	"	"	"
SP-26(0-2)	"	"	"	"

Preservation (check all applicable)
 4°C Frozen HCl Zn/As MeOH Ascorbic Acid HNO₃ H₂SO₄ NaOH Other

Special Instructions:
 Field Filtered
 Lab to Filter

Signatures:
 Samples Relinquished By: *Sasha Rothenberg* Date/Time: 11-6-13 10 AM
 Samples Received By: *K. Johnson* Date/Time: 11/6/13-1750
 Samples Relinquished By: _____ Date/Time: _____
 Samples Received in LAB by: _____ Date/Time: _____

Temperature on Receipt: 4.4 °C

Field Chain-of-Custody Record

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YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Hydro Tech Env Corp	<input checked="" type="checkbox"/> SAME <input type="checkbox"/>	Name: Muslima Ward	<input type="checkbox"/> SAME <input checked="" type="checkbox"/>	Roching				RUSH-Same Day	Summary Report	X	
Address: 15 Ocean Ave, 2nd Fl		Company: Hydro Tech Env		Purchase Order #				RUSH-Next Day	QA Report	X	
Phone.: 718-636-0800		Address: 77 Arkey Drive, Suite G		5728				RUSH-Two Day	CT RCP		
Contact: Sasha Rothenberg		Address: Hauppauge, NY 11788						RUSH-Three Day	CT RCP DQA/DUE Pkg		
E-mail: srothenberg@hydrotechenvironmental.com		E-mail: mward@hydrotechenvironmental.com						RUSH-Four Day	NY ASP A Package		
								Standard (5-7 day)	NY ASP B Package		
									NJDEP Reduced Deliv		

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

Matrix Codes	Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
S - soil	8260 full	8270 or 625	8082 PCB	RORAS	TPH GRO	PH Poll.
Other - specify vol, etc	Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
WW - wastewater	STARS list Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL/MPDN
GW - groundwater	BTEX	Acids Only	CT RCP	CTL5 list	NY 310-13	Full TCLP
DW - drinking water	MTBE	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
Air-A - ambient air	TCL list	TAGM list	Site Spec	NJDEP list	Air TO14A	Part 360-Exempt
Air-SV - soil vapor	TAGM list	CT RCP list	SPL or TCLP	Total	Air TO15	Part 360-Exempt
	CT RCP list	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Exempt
	Arom. only	NJDEP list	TCLP Herb	SPL or TCLP	Air VPH	Full List Exempt
	Halog. only	App. IX	Chloridate	Indic. Metals	Air TICs	NYDEP Spec
	App. IX list	ITCLP BNA	608 Pest	LEST Follow	Methane	NYDEP Cover
	8021B list	SPL or TCLP	608 PCB		Heptam	TAGM

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
S7-26(2-4)	11/2/13	S	PCRA metals + TCLP metals	8oz.
S7-26(4-6)	"	"	"	"
S7-27(0-2)	"	"	"	"
S7-27(2-4)	"	"	"	"
S7-27(4-6)	"	"	"	"
S7-28(0-2)	"	"	"	"
S7-28(2-4)	"	"	"	"
S7-28(4-6)	"	"	"	"

Comments:

Preservation: -4°C Frozen HCl ZnAc Ascorbic Acid MeOH HNO₃ H₂SO₄ NaOH Other

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: K. Rothenberg Date/Time: 11/13/13 10:00 AM

Samples Received By: K. Rothenberg Date/Time: 11/13/13 10:00 AM

Samples Relinquished By: Sasha Rothenberg Date/Time: 11/6/13 1750

Samples Received in LAB by: Sasha Rothenberg Date/Time: 11/6/13 1750

Temperature on Receipt: 4.4 °C

Field Chain-of-Custody Record

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York Project No. / 3K0142

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: Hydro Tech Env Corp	<input checked="" type="checkbox"/> SAME	<input checked="" type="checkbox"/> SAME	Name: Muslima Ward	Rush-Same Day		Rush-Same Day		Summary Report		X	
Address: 15 Ocean Ave, 2nd Fl			Company: Hydro Tech Env	Rush-Next Day		Rush-Next Day		QA Report		X	
Phone: 718-636-0800			Address: 77 Arkay Drive, Suite G	Purchase Order #		Purchase Order #		CT RCP			
Contact: Sasha Rothenberg			Hauppauge, NY 11788	5728		5728		CT RCP DQAD/DUE Pkg			
E-mail: srothenberg@hydrotechenvironmental.com			E-mail: mward@hydrotechenvironmental.com	Samples from CT, NY, NJ, VA		Standard (5-7day)		NY ASP A Package			

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)
Sasha Rothenberg
Name (printed)
Sasha Rothenberg

MATRIX Codes
S - soil
Other - specify (i.e.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-29(0-2)	11/4/13	S	RORA metals + TCLP metals	Soil
SP-29(2-4)	"	"	"	"
SP-29(4-6)	"	"	"	"
SP-30(0-2)	"	"	"	"
SP-30(2-4)	"	"	"	"
SP-30(4-6)	"	"	"	"
SP-31(0-2)	"	"	"	"
SP-31(2-4)	"	"	"	"

<p>Preservation (check all applicable)</p> <p>4°C <input type="checkbox"/> Frozen <input type="checkbox"/> IIC <input type="checkbox"/> ZnAc <input type="checkbox"/> MeOH <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> HNO₃ <input type="checkbox"/> H₂O₂ <input type="checkbox"/> NaOH <input type="checkbox"/> Other <input type="checkbox"/></p>	
<p>Special Instructions</p> <p>Field Filtered <input type="checkbox"/></p> <p>Labto Filter <input type="checkbox"/></p>	<p>Samples Relinquished By <i>[Signature]</i> Date/Time <u>11/13/13 10AM</u></p> <p>Samples Relinquished By <i>[Signature]</i> Date/Time <u>11/6/13 1750</u></p>
<p>Comments:</p> <p>Page 87 of 89</p>	<p>Temperature on Receipt <u>4.4</u> °C</p>

Field Chain-of-Custody Record

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York Project No. 13K0142

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>Hydro Tech Env Corp</u>	<u>SAME</u> <input checked="" type="checkbox"/>	<u>SAME</u> <input type="checkbox"/>	<u>Report to:</u>	<u>Invoice To:</u>	<u>Report to:</u>	<u>Your Project ID</u>	<u>Turn-Around Time</u>	<u>Report/Deliverable Type</u>			
Name: <u>15 Ocean Ave, 2nd Fl</u>			Name: <u>Muslima Ward</u>				<u>RUSH-Same Day</u>	Summary Report	<input checked="" type="checkbox"/>		
Company: <u>Brooklyn, NY 11225</u>			Company: <u>Hydro Tech Env</u>				<u>RUSH-Next Day</u>	QA Report	<input checked="" type="checkbox"/>		
Address: <u>718-636-0800</u>			Address: <u>77 Arkay Drive, Suite G</u>				<u>Purchase Order #</u>	CT RCP			
Contact: <u>Sasha Rothenberg</u>			Address: <u>Hauppauge, NY 11788</u>				<u>5728</u>	CT RCP DQ/DUE Pkg			
E-mail: <u>srothenberg@hydrotechenvironmental.com</u>			E-mail: <u>mward@hydrotechenvironmental.com</u>					NY ASP A Package			
								NY ASP B Package			
								Standard (5-7day)	<input checked="" type="checkbox"/>		

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) Sasha Rothenberg
Name (printed) Sasha Rothenberg

Matrix Codes	Volatiles	Semi-Vols/PCB/Herb	Metals	Misc. Org.	Full Lists
S - soil	8260 fill	8170-825	RCRA8	TPH GRO	PH Poll.
Other - specify	TICS	8081 PCB	RTRAB	TPH DRO	TCL Orgs
WW - wastewater	Site Spec	8081 Pest	PPL3 list	CT EPH	241, 242, 243
GW - groundwater	STARS list	8151 Herb	TAL	NY 310-13	Full TCLP
DW - drinking water	Nassau Co.	CT RCP	CTI 5 list	TPH 1664	Full App IX
Air-A - ambient air	BTEX	PAH list	App IX	TAGM list	Part 360-120
Air-SV - soil vapor	MTBE	TAGM list	Site Spec	NIDEF list	Part 360-120
	TCL list	CT RCP list	SPL or TCLP Total	Air TO15	Part 360-120
	TAGM list	TCLP list	TCLP Pest	Air STARS	Part 360-120
	Atom. only	NIDEF list	Disolved	Air VPH	Part 360-120
	Halog. only	App IX	TCLP Herb	Air TICs	NYCDEP
	App IX list	TCLP BNA	Chloridane	Methane	NYSDEC
	SPL or TCLP	SPL or TCLP	608 Pest	Hexane	TAGM
	8021B list	SPL or TCLP	608 PCB	Heptane	

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-31(4-6)	11/4/13	S	PCRA metals + TCLP metals	8oz
SP-32(0-2)	11/5/13	S		"
SP-32(2-4)	11/5/13	S		"
SP-32(4-6)	11/5/13	S		"
SP-33(0-2)	"	S		"
SP-33(2-4)	"	S		"
SP-33(4-6)	"	S		"
SP-34(0-2)	"	S		"

Comments:

4°C ___ Frozen ___ HCl ___ HNO₃ ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Preservation (check all applicable)
Special Instructions
Field Filtered ___
Lab to Filter ___

Samples Relinquished By Sasha Rothenberg Date/Time 11/13/13 10AM
Samples Received By K. Baber Date/Time 11/13/13 10AM
Samples Relinquished in LAB by Sasha Rothenberg Date/Time 11/13/13 1750
Temperature on Receipt 4.4

Field Chain-of-Custody Record

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YOUR Information		Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env Corp	<input checked="" type="checkbox"/> SAME <input type="checkbox"/>	<input checked="" type="checkbox"/> SAME <input type="checkbox"/>	<input checked="" type="checkbox"/> SAME <input type="checkbox"/>	<u>Rebony</u>	RUSH-Same Day	Summary Report <input checked="" type="checkbox"/>
Address: 15 Ocean Ave, 2nd Fl	Name: Muslima Ward	Name: Muslima Ward	Name: Muslima Ward		RUSH-Next Day	QA Report <input checked="" type="checkbox"/>
Phone: 718-636-0800	Company: Hydro Tech Env	Company: Hydro Tech Env	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day	CT RCP
Contact: Sasha Rothenberg	Address: 77 Arkay Drive, Suite G	Address: 77 Arkay Drive, Suite G	Address: 77 Arkay Drive, Suite G	<u>5728</u>	RUSH-Three Day	CT RCP DQ/DUE Pkg
E-mail: srothenberg@hydrotechenvironmental.com	E-mail: mward@hydrotechenvironmental.com	E-mail: mward@hydrotechenvironmental.com	E-mail: mward@hydrotechenvironmental.com	Samples from <u>CT_NYXNL</u>	RUSH-Four Day	NY ASP A Package
				Samples from <u>CT_NYXNL</u>	Standard (5-7day)	NY ASP B Package
				Samples from <u>CT_NYXNL</u>		NJDEP Reduced Deliv
				Samples from <u>CT_NYXNL</u>		Excel <input checked="" type="checkbox"/>
				Samples from <u>CT_NYXNL</u>		NYSDEC EQUIS <input checked="" type="checkbox"/>
				Samples from <u>CT_NYXNL</u>		NJDEP SRP HazSite
				Samples from <u>CT_NYXNL</u>		EQUIS
				Samples from <u>CT_NYXNL</u>		GIS/KEY (std)
				Samples from <u>CT_NYXNL</u>		YORK Regulatory
				Samples from <u>CT_NYXNL</u>		Comp Excel
				Samples from <u>CT_NYXNL</u>		compared to:
				Samples from <u>CT_NYXNL</u>		NYSDEC Part 375
				Samples from <u>CT_NYXNL</u>		Unrestricted SCO -
				Samples from <u>CT_NYXNL</u>		Residential SCO
				Samples from <u>CT_NYXNL</u>		OTHER:
				Samples from <u>CT_NYXNL</u>		Container Descriptor

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.

MATRIX CODES
S - soil
Other - specify (vol, etc)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Sasha Rothenberg
Name (printed)

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Descriptor
SP-34 (2-4)	11/5/13	S	RCA metals + TCLP metals	802
SP-34 (4-6)	"	"	"	"
SP-35 (0-2)	"	"	"	"
SP-35 (2-4)	"	"	"	"
SP-35 (4-6)	"	"	"	"
SP-36 (0-2)	"	"	"	"
SP-36 (2-4)	"	"	"	"

Preservation (check all applicable)
 4°C Frozen HCl HNO₃ H₂SO₄ NaOH
 MeOH Ascorbic Acid Other

Special Instructions
 Field Filtered
 Lab to Filter

Signatures and Dates:
 Samples Relinquished By: [Signature] Date/Time: 11/6/13 10:00 AM
 Samples Received By: [Signature] Date/Time: 11/6/13 10:00 AM
 Temperature on Receipt: 4.4 °C



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 11/08/2013
Client Project ID: 130303 28-46 Roebling St Brooklyn, NY
York Project (SDG) No.: 13K0059

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

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 November 04, 2013 and listed below. The project was identified as your project: **130303 28-46 Roebling St Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13K0059-01	SP-8 (0-2)	Soil	10/31/2013	11/04/2013
13K0059-02	SP-8 (2-4)	Soil	10/31/2013	11/04/2013
13K0059-03	SP-8 (4-6)	Soil	10/31/2013	11/04/2013
13K0059-04	SP-9 (0-2)	Soil	10/31/2013	11/04/2013
13K0059-05	SP-9 (2-4)	Soil	10/31/2013	11/04/2013
13K0059-06	SP-9 (4-6)	Soil	10/31/2013	11/04/2013
13K0059-07	SP-10 (0-2)	Soil	10/31/2013	11/04/2013
13K0059-08	SP-10 (2-4)	Soil	10/31/2013	11/04/2013
13K0059-09	SP-10 (4-6)	Soil	10/31/2013	11/04/2013
13K0059-10	SP-11 (0-2)	Soil	10/31/2013	11/04/2013
13K0059-11	SP-11 (2-4)	Soil	10/31/2013	11/04/2013
13K0059-12	SP-11 (4-6)	Soil	10/31/2013	11/04/2013
13K0059-13	SP-12 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-14	SP-12 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-15	SP-12 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-16	SP-13 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-17	SP-13 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-18	SP-13 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-19	SP-14 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-20	SP-14 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-21	SP-14 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-22	SP-15 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-23	SP-15 (2-4)	Soil	11/01/2013	11/04/2013

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13K0059-24	SP-15 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-25	SP-16 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-26	SP-16 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-27	SP-16 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-28	SP-17 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-29	SP-17 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-30	SP-17 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-31	SP-18 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-32	SP-18 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-33	SP-19 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-34	SP-19 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-35	SP-19 (4-6)	Soil	11/01/2013	11/04/2013
13K0059-36	SP-20 (0-2)	Soil	11/01/2013	11/04/2013
13K0059-37	SP-20 (2-4)	Soil	11/01/2013	11/04/2013
13K0059-38	SP-20 (4-6)	Soil	11/01/2013	11/04/2013

General Notes for York Project (SDG) No.: 13K0059

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:



Benjamin Gulizia
Laboratory Director

Date: 11/08/2013

YORK



Sample Information

Client Sample ID: SP-8 (0-2)

York Sample ID: 13K0059-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	12.9		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC
7440-39-3	Barium	2460		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC
7440-43-9	Cadmium	3.85		mg/kg dry	0.352	0.352	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC
7440-47-3	Chromium	29.6		mg/kg dry	0.587	0.587	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC
7439-92-1	Lead	1400		mg/kg dry	0.352	0.352	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC
7782-49-2	Selenium	3.41		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC
7440-22-4	Silver	ND		mg/kg dry	0.587	0.587	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:11	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC
7440-39-3	Barium	0.356		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC
7440-43-9	Cadmium	0.076		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC
7440-47-3	Chromium	0.005		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC
7439-92-1	Lead	6.44		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:21	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.703		mg/kg dry	0.000939	0.000939	1	EPA 7473	11/07/2013 07:23	11/07/2013 14:51	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.2		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-8 (0-2) **York Sample ID:** 13K0059-01
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-8 (2-4) **York Sample ID:** 13K0059-02
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	21.1		mg/kg dry	1.31	1.31	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC
7440-39-3	Barium	1370		mg/kg dry	1.31	1.31	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC
7440-43-9	Cadmium	1.22		mg/kg dry	0.393	0.393	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC
7440-47-3	Chromium	31.8		mg/kg dry	0.655	0.655	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC
7439-92-1	Lead	1150		mg/kg dry	0.393	0.393	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC
7782-49-2	Selenium	5.42		mg/kg dry	1.31	1.31	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC
7440-22-4	Silver	ND		mg/kg dry	0.655	0.655	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:33	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.084		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC
7440-39-3	Barium	1.50		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC
7440-47-3	Chromium	0.005		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC
7439-92-1	Lead	9.46		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:26	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	14.9		mg/kg dry	0.00105	0.00105	1	EPA 7473	11/07/2013 07:23	11/07/2013 14:51	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-8 (2-4)

York Sample ID: 13K0059-02

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.0000390, 0.000200, 1, EPA 7470/1311, 11/05/2013 10:27, 11/05/2013 14:26, AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, % Solids, 76.3, %, 0.100, 0.100, 1, SM 2540G, 11/06/2013 13:24, 11/06/2013 16:22, KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1.00, 1, EPA 1311, 11/04/2013 18:00, 11/05/2013 14:56, KK

Sample Information

Client Sample ID: SP-8 (4-6)

York Sample ID: 13K0059-03

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (3.42), Barium (63.6), Cadmium (ND), Chromium (20.4), Lead (21.9), Selenium (3.74), Silver (ND)

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (ND), Barium (0.661), Cadmium (ND), Chromium (0.009), Lead (0.199), Selenium (ND)



Sample Information

Client Sample ID: SP-8 (4-6) **York Sample ID:** 13K0059-03
York Project (SDG) No.: 13K0059 **Client Project ID:** 130303 28-46 Roebling St Brooklyn, NY **Matrix:** Soil **Collection Date/Time:** October 31, 2013 3:00 pm **Date Received:** 11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:32	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.244		mg/kg dry	0.000924	0.000924	1	EPA 7473	11/07/2013 07:23	11/07/2013 14:51	ALD

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.6		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-9 (0-2) **York Sample ID:** 13K0059-04
York Project (SDG) No.: 13K0059 **Client Project ID:** 130303 28-46 Roebling St Brooklyn, NY **Matrix:** Soil **Collection Date/Time:** October 31, 2013 3:00 pm **Date Received:** 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	48.0		mg/kg dry	1.08	1.08	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC
7440-39-3	Barium	382		mg/kg dry	1.08	1.08	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC
7440-43-9	Cadmium	0.799		mg/kg dry	0.325	0.325	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC
7440-47-3	Chromium	50.5		mg/kg dry	0.542	0.542	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC
7439-92-1	Lead	320		mg/kg dry	0.325	0.325	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC
7782-49-2	Selenium	17.8		mg/kg dry	1.08	1.08	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA 6010C	11/05/2013 13:17	11/05/2013 20:44	AMC



Sample Information

Client Sample ID: SP-9 (0-2)

York Sample ID: 13K0059-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids.

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes TCLP Extraction.

Sample Information

Client Sample ID: SP-9 (2-4)

York Sample ID: 13K0059-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Arsenic.



Sample Information

Client Sample ID: SP-9 (2-4)

York Sample ID: 13K0059-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	249		mg/kg dry	1.33	1.33	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:02	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.400	0.400	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:02	AMC
7440-47-3	Chromium	17.0		mg/kg dry	0.666	0.666	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:02	AMC
7439-92-1	Lead	398		mg/kg dry	0.400	0.400	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:02	AMC
7782-49-2	Selenium	3.58		mg/kg dry	1.33	1.33	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:02	AMC
7440-22-4	Silver	ND		mg/kg dry	0.666	0.666	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:02	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC
7440-39-3	Barium	0.863		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC
7439-92-1	Lead	0.072		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:45	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0440	0.0440	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	75.0		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Sample Information

Client Sample ID: SP-9 (2-4)	York Sample ID: 13K0059-05			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Sample Information

Client Sample ID: SP-9 (4-6)	York Sample ID: 13K0059-06			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	12.3		mg/kg dry	1.54	1.54	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC
7440-39-3	Barium	306		mg/kg dry	1.54	1.54	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.461	0.461	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC
7440-47-3	Chromium	10.3		mg/kg dry	0.768	0.768	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC
7439-92-1	Lead	266		mg/kg dry	0.461	0.461	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC
7782-49-2	Selenium	3.33		mg/kg dry	1.54	1.54	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC
7440-22-4	Silver	ND		mg/kg dry	0.768	0.768	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:07	AMC

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC
7440-39-3	Barium	1.23		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC
7439-92-1	Lead	0.877		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/05/2013 23:50	AMC

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0507	0.0507	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-9 (4-6) York Sample ID: 13K0059-06
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: % Solids, 65.1, 0.100, 0.100, 1, SM 2540G, 11/06/2013 13:24, 11/06/2013 16:22, KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1.00, 1, EPA 1311, 11/04/2013 18:00, 11/05/2013 14:56, KK

Sample Information

Client Sample ID: SP-10 (0-2) York Sample ID: 13K0059-07
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (10.8), Barium (548), Cadmium (ND), Chromium (14.3), Lead (334), Selenium (6.00), Silver (ND)

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (ND), Barium (0.971), Cadmium (ND), Chromium (ND), Lead (0.118), Selenium (ND), Silver (ND)

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst



Sample Information

Client Sample ID: SP-10 (0-2)

York Sample ID: 13K0059-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.197		mg/kg dry	0.0405	0.0405	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	81.4		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-10 (2-4)

York Sample ID: 13K0059-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.83		mg/kg dry	1.11	1.11	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC
7440-39-3	Barium	91.4		mg/kg dry	1.11	1.11	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.334	0.334	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC
7440-47-3	Chromium	20.1		mg/kg dry	0.557	0.557	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC
7439-92-1	Lead	46.9		mg/kg dry	0.334	0.334	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC
7782-49-2	Selenium	1.86		mg/kg dry	1.11	1.11	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:17	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC



Sample Information

Client Sample ID: SP-10 (2-4) **York Sample ID:** 13K0059-08
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	0.536		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC
7439-92-1	Lead	0.022		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:04	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0367	0.0367	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	89.8		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-10 (4-6) **York Sample ID:** 13K0059-09
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time October 31, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.04		mg/kg dry	1.18	1.18	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC



Sample Information

Client Sample ID: SP-10 (4-6)

York Sample ID: 13K0059-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

October 31, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	78.2		mg/kg dry	1.18	1.18	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.354	0.354	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC
7440-47-3	Chromium	21.8		mg/kg dry	0.589	0.589	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC
7439-92-1	Lead	38.1		mg/kg dry	0.354	0.354	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC
7782-49-2	Selenium	4.06		mg/kg dry	1.18	1.18	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC
7440-22-4	Silver	ND		mg/kg dry	0.589	0.589	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:22	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC
7440-39-3	Barium	0.686		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC
7440-47-3	Chromium	0.007		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC
7439-92-1	Lead	0.028		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:12	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0389	0.0389	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.8		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Sample Information

Client Sample ID: SP-10 (4-6)	York Sample ID: 13K0059-09			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Sample Information

Client Sample ID: SP-11 (0-2)	York Sample ID: 13K0059-10			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.98		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC
7440-39-3	Barium	44.2		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.352	0.352	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC
7440-47-3	Chromium	22.8		mg/kg dry	0.587	0.587	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC
7439-92-1	Lead	12.5		mg/kg dry	0.352	0.352	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC
7782-49-2	Selenium	5.96		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC
7440-22-4	Silver	ND		mg/kg dry	0.587	0.587	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:27	AMC

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC
7440-39-3	Barium	0.724		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC
7439-92-1	Lead	0.097		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:17	AMC

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.340		mg/kg dry	0.0387	0.0387	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-11 (0-2) **York Sample ID:** 13K0059-10
York Project (SDG) No. 13K0059 **Client Project ID** 130303 28-46 Roebling St Brooklyn, NY **Matrix** Soil **Collection Date/Time** October 31, 2013 3:00 pm **Date Received** 11/04/2013

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.2		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-11 (2-4) **York Sample ID:** 13K0059-11
York Project (SDG) No. 13K0059 **Client Project ID** 130303 28-46 Roebling St Brooklyn, NY **Matrix** Soil **Collection Date/Time** October 31, 2013 3:00 pm **Date Received** 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.17		mg/kg dry	1.14	1.14	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC
7440-39-3	Barium	42.7		mg/kg dry	1.14	1.14	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC
7440-47-3	Chromium	12.0		mg/kg dry	0.568	0.568	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC
7439-92-1	Lead	8.84		mg/kg dry	0.341	0.341	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC
7782-49-2	Selenium	3.29		mg/kg dry	1.14	1.14	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC
7440-22-4	Silver	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:32	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC
7440-39-3	Barium	0.563		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC
7439-92-1	Lead	0.064		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:35	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-11 (2-4)

York Sample ID: 13K0059-11

<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013
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Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0375	0.0375	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	88.0		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-11 (4-6)

York Sample ID: 13K0059-12

<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.22		mg/kg dry	1.14	1.14	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC
7440-39-3	Barium	47.8		mg/kg dry	1.14	1.14	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC
7440-47-3	Chromium	20.9		mg/kg dry	0.571	0.571	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC
7439-92-1	Lead	6.36		mg/kg dry	0.343	0.343	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC
7782-49-2	Selenium	4.30		mg/kg dry	1.14	1.14	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:37	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-11 (4-6)

York Sample ID: 13K0059-12

<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 31, 2013 3:00 pm	<u>Date Received</u> 11/04/2013
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Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC
7440-39-3	Barium	0.425		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC
7439-92-1	Lead	0.014		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:40	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0377	0.0377	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.5		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-12 (0-2)

York Sample ID: 13K0059-13

<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-12 (0-2)

York Sample ID: 13K0059-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.57		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC
7440-39-3	Barium	1160		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC
7440-43-9	Cadmium	0.423		mg/kg dry	0.352	0.352	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC
7440-47-3	Chromium	46.4		mg/kg dry	0.587	0.587	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC
7439-92-1	Lead	497		mg/kg dry	0.352	0.352	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC
7782-49-2	Selenium	2.74		mg/kg dry	1.17	1.17	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC
7440-22-4	Silver	ND		mg/kg dry	0.587	0.587	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:42	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC
7440-39-3	Barium	0.297		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC
7439-92-1	Lead	0.005		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:46	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0387	0.0387	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.2		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-12 (0-2)

York Sample ID: 13K0059-13

<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013
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TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-12 (2-4)

York Sample ID: 13K0059-14

<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013
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Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.36		mg/kg dry	1.15	1.15	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC
7440-39-3	Barium	59.3		mg/kg dry	1.15	1.15	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.345	0.345	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC
7440-47-3	Chromium	25.4		mg/kg dry	0.575	0.575	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC
7439-92-1	Lead	12.1		mg/kg dry	0.345	0.345	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC
7782-49-2	Selenium	4.48		mg/kg dry	1.15	1.15	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC
7440-22-4	Silver	ND		mg/kg dry	0.575	0.575	1	EPA 6010C	11/05/2013 13:17	11/05/2013 21:50	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC
7440-39-3	Barium	0.518		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC
7440-47-3	Chromium	0.005		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC
7439-92-1	Lead	0.029		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:54	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0380	0.0380	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-12 (2-4)

York Sample ID: 13K0059-14

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.9		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-12 (4-6)

York Sample ID: 13K0059-15

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.92		mg/kg dry	1.16	1.16	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC
7440-39-3	Barium	52.1		mg/kg dry	1.16	1.16	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.349	0.349	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC
7440-47-3	Chromium	15.4		mg/kg dry	0.582	0.582	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC
7439-92-1	Lead	39.9		mg/kg dry	0.349	0.349	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC
7782-49-2	Selenium	4.15		mg/kg dry	1.16	1.16	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC
7440-22-4	Silver	ND		mg/kg dry	0.582	0.582	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:08	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC
7440-39-3	Barium	0.630		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC
7439-92-1	Lead	0.492		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC



Sample Information

Client Sample ID: SP-12 (4-6) **York Sample ID:** 13K0059-15
York Project (SDG) No.: 13K0059 **Client Project ID:** 130303 28-46 Roebling St Brooklyn, NY **Matrix:** Soil **Collection Date/Time:** November 1, 2013 3:00 pm **Date Received:** 11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 00:59	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0384	0.0384	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/05/2013 10:27	11/05/2013 14:26	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.8		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-13 (0-2) **York Sample ID:** 13K0059-16
York Project (SDG) No.: 13K0059 **Client Project ID:** 130303 28-46 Roebling St Brooklyn, NY **Matrix:** Soil **Collection Date/Time:** November 1, 2013 3:00 pm **Date Received:** 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	36.8		mg/kg dry	1.32	1.32	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC
7440-39-3	Barium	332		mg/kg dry	1.32	1.32	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.397	0.397	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC
7440-47-3	Chromium	15.1		mg/kg dry	0.662	0.662	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC
7439-92-1	Lead	1580		mg/kg dry	0.397	0.397	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC
7782-49-2	Selenium	3.54		mg/kg dry	1.32	1.32	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC



Sample Information

Client Sample ID: SP-13 (0-2)

York Sample ID: 13K0059-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.662	0.662	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:13	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.034		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC
7440-39-3	Barium	0.597		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC
7439-92-1	Lead	0.183		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:04	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.358		mg/kg dry	0.0437	0.0437	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	75.5		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Sample Information

Client Sample ID: SP-13 (2-4)

York Sample ID: 13K0059-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.70		mg/kg dry	1.13	1.13	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC
7440-39-3	Barium	48.2		mg/kg dry	1.13	1.13	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.339	0.339	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC
7440-47-3	Chromium	17.1		mg/kg dry	0.565	0.565	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC
7439-92-1	Lead	11.4		mg/kg dry	0.339	0.339	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC
7782-49-2	Selenium	4.11		mg/kg dry	1.13	1.13	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:20	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC
7440-39-3	Barium	0.491		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC
7439-92-1	Lead	0.029		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:12	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0373	0.0373	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	88.5		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-13 (2-4) **York Sample ID:** 13K0059-17
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-13 (4-6) **York Sample ID:** 13K0059-18
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.05		mg/kg dry	1.15	1.15	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC
7440-39-3	Barium	60.0		mg/kg dry	1.15	1.15	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.346	0.346	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC
7440-47-3	Chromium	18.2		mg/kg dry	0.577	0.577	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC
7439-92-1	Lead	18.1		mg/kg dry	0.346	0.346	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC
7782-49-2	Selenium	4.93		mg/kg dry	1.15	1.15	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC
7440-22-4	Silver	ND		mg/kg dry	0.577	0.577	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:26	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC
7440-39-3	Barium	0.454		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC
7440-47-3	Chromium	0.007		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC
7439-92-1	Lead	0.025		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:18	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.242		mg/kg dry	0.0381	0.0381	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-13 (4-6)

York Sample ID: 13K0059-18

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.6		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-14 (0-2)

York Sample ID: 13K0059-19

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	20.2		mg/kg dry	1.50	1.50	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC
7440-39-3	Barium	3120		mg/kg dry	1.50	1.50	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC
7440-43-9	Cadmium	1.48		mg/kg dry	0.450	0.450	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC
7440-47-3	Chromium	80.0		mg/kg dry	0.749	0.749	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC
7439-92-1	Lead	2580		mg/kg dry	0.450	0.450	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC
7782-49-2	Selenium	9.00		mg/kg dry	1.50	1.50	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC
7440-22-4	Silver	ND		mg/kg dry	0.749	0.749	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:31	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC
7440-39-3	Barium	0.743		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC
7440-43-9	Cadmium	0.016		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC
7439-92-1	Lead	0.263		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC



Sample Information

Client Sample ID: SP-14 (0-2)

York Sample ID: 13K0059-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:23	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.450		mg/kg dry	0.0495	0.0495	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	66.7		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-14 (2-4)

York Sample ID: 13K0059-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	16.2		mg/kg dry	1.24	1.24	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC
7440-39-3	Barium	2790		mg/kg dry	1.24	1.24	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC
7440-43-9	Cadmium	5.04		mg/kg dry	0.373	0.373	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC
7440-47-3	Chromium	60.3		mg/kg dry	0.622	0.622	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC
7439-92-1	Lead	3790		mg/kg dry	0.373	0.373	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC
7782-49-2	Selenium	4.34		mg/kg dry	1.24	1.24	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC
7440-22-4	Silver	ND		mg/kg dry	0.622	0.622	1	EPA 6010C	11/05/2013 13:17	11/05/2013 22:38	AMC



Sample Information

Client Sample ID: SP-14 (2-4)

York Sample ID: 13K0059-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC
7440-39-3	Barium	0.803		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC
7440-43-9	Cadmium	0.016		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC
7440-47-3	Chromium	0.005		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC
7439-92-1	Lead	3.35		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:18	11/06/2013 01:31	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.224		mg/kg dry	0.0411	0.0411	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	80.3		%	0.100	0.100	1	SM 2540G	11/06/2013 13:24	11/06/2013 16:22	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-14 (4-6)

York Sample ID: 13K0059-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.04		mg/kg dry	1.22	1.22	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC



Sample Information

Client Sample ID: SP-14 (4-6)

York Sample ID: 13K0059-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	561		mg/kg dry	1.22	1.22	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.365	0.365	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC
7440-47-3	Chromium	29.8		mg/kg dry	0.608	0.608	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC
7439-92-1	Lead	924		mg/kg dry	0.365	0.365	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC
7782-49-2	Selenium	1.50		mg/kg dry	1.22	1.22	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC
7440-22-4	Silver	ND		mg/kg dry	0.608	0.608	1	EPA 6010C	11/06/2013 13:47	11/06/2013 22:46	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC
7440-39-3	Barium	0.894		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC
7440-43-9	Cadmium	0.009		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC
7439-92-1	Lead	7.88	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:30	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.134		mg/kg dry	0.0401	0.0401	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.3		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Sample Information

Client Sample ID: SP-14 (4-6)	York Sample ID: 13K0059-21			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Sample Information

Client Sample ID: SP-15 (0-2)	York Sample ID: 13K0059-22			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	21.1		mg/kg dry	1.26	1.26	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC
7440-39-3	Barium	1180		mg/kg dry	1.26	1.26	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC
7440-43-9	Cadmium	0.749		mg/kg dry	0.378	0.378	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC
7440-47-3	Chromium	252		mg/kg dry	0.629	0.629	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC
7439-92-1	Lead	1040		mg/kg dry	0.378	0.378	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC
7782-49-2	Selenium	1.87		mg/kg dry	1.26	1.26	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC
7440-22-4	Silver	ND		mg/kg dry	0.629	0.629	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:03	AMC

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC
7440-39-3	Barium	1.38		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC
7440-43-9	Cadmium	0.011		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC
7440-47-3	Chromium	0.036		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC
7439-92-1	Lead	1.02	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:36	AMC

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.516		mg/kg dry	0.0415	0.0415	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-15 (0-2)

York Sample ID: 13K0059-22

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: % Solids, 79.5, 0.100, 0.100, 1, SM 2540G, 11/06/2013 13:25, 11/06/2013 16:32, KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1.00, 1, EPA 1311, 11/04/2013 18:00, 11/05/2013 14:56, KK

Sample Information

Client Sample ID: SP-15 (2-4)

York Sample ID: 13K0059-23

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (9.89), Barium (421), Cadmium (ND), Chromium (27.0), Lead (358), Selenium (2.84), Silver (ND)

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (ND), Barium (1.23), Cadmium (ND), Chromium (0.008), Lead (0.167), Selenium (ND), Silver (ND)

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst



Sample Information

Client Sample ID: SP-15 (2-4)

York Sample ID: 13K0059-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.167		mg/kg dry	0.0393	0.0393	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.1		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-15 (4-6)

York Sample ID: 13K0059-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.96		mg/kg dry	1.17	1.17	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC
7440-39-3	Barium	510		mg/kg dry	1.17	1.17	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC
7440-43-9	Cadmium	0.416		mg/kg dry	0.350	0.350	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC
7440-47-3	Chromium	106		mg/kg dry	0.583	0.583	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC
7439-92-1	Lead	348		mg/kg dry	0.350	0.350	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC
7782-49-2	Selenium	1.25		mg/kg dry	1.17	1.17	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC
7440-22-4	Silver	ND		mg/kg dry	0.583	0.583	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:13	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC



Sample Information

Client Sample ID: SP-15 (4-6)

York Sample ID: 13K0059-24

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	0.624		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC
7439-92-1	Lead	0.016	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 02:46	AMC

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.175		mg/kg dry	0.0385	0.0385	1	EPA 7471B	11/08/2013 13:21	11/08/2013 14:59	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.7		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-16 (0-2)

York Sample ID: 13K0059-25

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	17.2		mg/kg dry	1.35	1.35	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC



Sample Information

Client Sample ID: SP-16 (0-2)

York Sample ID: 13K0059-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	567		mg/kg dry	1.35	1.35	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.404	0.404	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC
7440-47-3	Chromium	15.3		mg/kg dry	0.673	0.673	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC
7439-92-1	Lead	436		mg/kg dry	0.404	0.404	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC
7782-49-2	Selenium	2.99		mg/kg dry	1.35	1.35	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC
7440-22-4	Silver	ND		mg/kg dry	0.673	0.673	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:30	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC
7440-39-3	Barium	0.901		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC
7439-92-1	Lead	0.055	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:07	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.08		mg/kg dry	0.00108	0.00108	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	74.3		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Sample Information

Client Sample ID: SP-16 (0-2)	York Sample ID: 13K0059-25			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Sample Information

Client Sample ID: SP-16 (2-4)	York Sample ID: 13K0059-26			
<u>York Project (SDG) No.</u> 13K0059	<u>Client Project ID</u> 130303 28-46 Roebling St Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 1, 2013 3:00 pm	<u>Date Received</u> 11/04/2013

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	18.2		mg/kg dry	1.41	1.41	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC
7440-39-3	Barium	1130		mg/kg dry	1.41	1.41	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.422	0.422	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC
7440-47-3	Chromium	52.9		mg/kg dry	0.704	0.704	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC
7439-92-1	Lead	684		mg/kg dry	0.422	0.422	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC
7782-49-2	Selenium	1.91		mg/kg dry	1.41	1.41	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC
7440-22-4	Silver	ND		mg/kg dry	0.704	0.704	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:35	AMC

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.038		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC
7440-39-3	Barium	1.26		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC
7439-92-1	Lead	2.87	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:13	AMC

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.88		mg/kg dry	0.00113	0.00113	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Sample Prepared by Method: EPA SW846-7470

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-16 (2-4)

York Sample ID: 13K0059-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	71.0		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-16 (4-6)

York Sample ID: 13K0059-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	16.2		mg/kg dry	1.54	1.54	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC
7440-39-3	Barium	452		mg/kg dry	1.54	1.54	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.462	0.462	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC
7440-47-3	Chromium	15.6		mg/kg dry	0.769	0.769	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC
7439-92-1	Lead	598		mg/kg dry	0.462	0.462	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC
7782-49-2	Selenium	2.84		mg/kg dry	1.54	1.54	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC
7440-22-4	Silver	ND		mg/kg dry	0.769	0.769	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:40	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.036		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC
7440-39-3	Barium	1.03		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC
7439-92-1	Lead	0.056	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC
7782-49-2	Selenium	0.015		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:18	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.11		mg/kg dry	0.00123	0.00123	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA



Sample Information

Client Sample ID: SP-16 (4-6)

York Sample ID: 13K0059-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	65.0		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-17 (0-2)

York Sample ID: 13K0059-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	24.0		mg/kg dry	1.26	1.26	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC
7440-39-3	Barium	1060		mg/kg dry	1.26	1.26	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.379	0.379	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC
7440-47-3	Chromium	37.4		mg/kg dry	0.632	0.632	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC
7439-92-1	Lead	1950		mg/kg dry	0.379	0.379	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC
7782-49-2	Selenium	3.93		mg/kg dry	1.26	1.26	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC
7440-22-4	Silver	ND		mg/kg dry	0.632	0.632	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:46	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC
7440-39-3	Barium	0.292		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC
7439-92-1	Lead	5.25	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC



Sample Information

Client Sample ID: SP-17 (0-2)

York Sample ID: 13K0059-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:23	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	4.00		mg/kg dry	0.00101	0.00101	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	79.1		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-17 (2-4)

York Sample ID: 13K0059-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	20.5		mg/kg dry	1.50	1.50	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC
7440-39-3	Barium	774		mg/kg dry	1.50	1.50	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC
7440-43-9	Cadmium	0.923		mg/kg dry	0.450	0.450	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC
7440-47-3	Chromium	26.9		mg/kg dry	0.749	0.749	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC
7439-92-1	Lead	2140		mg/kg dry	0.450	0.450	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC
7782-49-2	Selenium	5.70		mg/kg dry	1.50	1.50	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC



Sample Information

Client Sample ID: SP-17 (2-4)

York Sample ID: 13K0059-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.749	0.749	1	EPA 6010C	11/06/2013 13:47	11/06/2013 23:53	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.024		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC
7440-39-3	Barium	0.765		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC
7440-43-9	Cadmium	0.005		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC
7439-92-1	Lead	2.61	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:29	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.74		mg/kg dry	0.00120	0.00120	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	66.7		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Sample Information

Client Sample ID: SP-17 (4-6)

York Sample ID: 13K0059-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	15.4		mg/kg dry	1.39	1.39	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC
7440-39-3	Barium	342		mg/kg dry	1.39	1.39	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.418	0.418	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC
7440-47-3	Chromium	12.7		mg/kg dry	0.697	0.697	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC
7439-92-1	Lead	586		mg/kg dry	0.418	0.418	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC
7782-49-2	Selenium	5.72		mg/kg dry	1.39	1.39	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC
7440-22-4	Silver	ND		mg/kg dry	0.697	0.697	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:01	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.067		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC
7440-39-3	Barium	0.721		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC
7439-92-1	Lead	2.05	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:34	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.60		mg/kg dry	0.00112	0.00112	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	71.7		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-17 (4-6) **York Sample ID:** 13K0059-30
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-18 (0-2) **York Sample ID:** 13K0059-31
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	19.3		mg/kg dry	1.33	1.33	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC
7440-39-3	Barium	572		mg/kg dry	1.33	1.33	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC
7440-43-9	Cadmium	0.601		mg/kg dry	0.398	0.398	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC
7440-47-3	Chromium	28.9		mg/kg dry	0.663	0.663	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC
7439-92-1	Lead	810		mg/kg dry	0.398	0.398	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC
7782-49-2	Selenium	1.57		mg/kg dry	1.33	1.33	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC
7440-22-4	Silver	ND		mg/kg dry	0.663	0.663	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:06	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.047		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC
7440-39-3	Barium	0.839		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC
7440-43-9	Cadmium	0.010		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC
7440-47-3	Chromium	0.007		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC
7439-92-1	Lead	0.480	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:39	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.63		mg/kg dry	0.00106	0.00106	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-18 (0-2)

York Sample ID: 13K0059-31

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	75.4		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-18 (2-4)

York Sample ID: 13K0059-32

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.55		mg/kg dry	1.18	1.18	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC
7440-39-3	Barium	564		mg/kg dry	1.18	1.18	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.355	0.355	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC
7440-47-3	Chromium	41.1		mg/kg dry	0.592	0.592	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC
7439-92-1	Lead	332		mg/kg dry	0.355	0.355	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC
7782-49-2	Selenium	1.55		mg/kg dry	1.18	1.18	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC
7440-22-4	Silver	ND		mg/kg dry	0.592	0.592	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:11	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC
7440-39-3	Barium	1.04		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC
7439-92-1	Lead	0.776	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC



Sample Information

Client Sample ID: SP-18 (2-4)

York Sample ID: 13K0059-32

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:47	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.108		mg/kg dry	0.000948	0.000948	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.4		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-19 (0-2)

York Sample ID: 13K0059-33

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.93		mg/kg dry	1.18	1.18	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC
7440-39-3	Barium	438		mg/kg dry	1.18	1.18	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC
7440-43-9	Cadmium	1.39		mg/kg dry	0.354	0.354	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC
7440-47-3	Chromium	21.5		mg/kg dry	0.590	0.590	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC
7439-92-1	Lead	427		mg/kg dry	0.354	0.354	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC
7782-49-2	Selenium	3.26		mg/kg dry	1.18	1.18	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC
7440-22-4	Silver	ND		mg/kg dry	0.590	0.590	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:16	AMC



Sample Information

Client Sample ID: SP-19 (0-2)

York Sample ID: 13K0059-33

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC
7440-39-3	Barium	1.34		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC
7439-92-1	Lead	0.116	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 03:53	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.725		mg/kg dry	0.000943	0.000943	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.8		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-19 (2-4)

York Sample ID: 13K0059-34

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-19 (2-4)

York Sample ID: 13K0059-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	36.3		mg/kg dry	1.34	1.34	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC
7440-39-3	Barium	2920		mg/kg dry	1.34	1.34	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC
7440-43-9	Cadmium	2.18		mg/kg dry	0.401	0.401	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC
7440-47-3	Chromium	36.6		mg/kg dry	0.669	0.669	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC
7439-92-1	Lead	2320		mg/kg dry	0.401	0.401	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC
7782-49-2	Selenium	6.00		mg/kg dry	1.34	1.34	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC
7440-22-4	Silver	ND		mg/kg dry	0.669	0.669	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:21	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.037		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC
7440-39-3	Barium	3.39		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC
7439-92-1	Lead	2.77	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:01	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.22		mg/kg dry	0.00107	0.00107	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:02	11/06/2013 15:17	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	74.8		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: SP-19 (2-4) **York Sample ID:** 13K0059-34
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-19 (4-6) **York Sample ID:** 13K0059-35
York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	11.9		mg/kg dry	1.20	1.20	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC
7440-39-3	Barium	864		mg/kg dry	1.20	1.20	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.359	0.359	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC
7440-47-3	Chromium	24.9		mg/kg dry	0.598	0.598	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC
7439-92-1	Lead	496		mg/kg dry	0.359	0.359	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC
7782-49-2	Selenium	1.73		mg/kg dry	1.20	1.20	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC
7440-22-4	Silver	ND		mg/kg dry	0.598	0.598	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:41	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.018		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC
7440-39-3	Barium	2.56		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC
7439-92-1	Lead	1.02	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:21	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.233		mg/kg dry	0.000956	0.000956	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SP-19 (4-6)

York Sample ID: 13K0059-35

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:05	11/06/2013 15:19	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.7		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-20 (0-2)

York Sample ID: 13K0059-36

York Project (SDG) No. 13K0059 Client Project ID 130303 28-46 Roebling St Brooklyn, NY Matrix Soil Collection Date/Time November 1, 2013 3:00 pm Date Received 11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	13.2		mg/kg dry	1.19	1.19	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC
7440-39-3	Barium	1430		mg/kg dry	1.19	1.19	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC
7440-43-9	Cadmium	1.75		mg/kg dry	0.358	0.358	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC
7440-47-3	Chromium	47.2		mg/kg dry	0.597	0.597	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC
7439-92-1	Lead	1400		mg/kg dry	0.358	0.358	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC
7782-49-2	Selenium	3.21		mg/kg dry	1.19	1.19	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC
7440-22-4	Silver	ND		mg/kg dry	0.597	0.597	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:46	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC
7440-39-3	Barium	0.572		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC
7440-43-9	Cadmium	0.008		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC
7440-47-3	Chromium	0.030		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC
7439-92-1	Lead	0.599	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:27	AMC



Sample Information

Client Sample ID: SP-20 (0-2)

York Sample ID: 13K0059-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.905		mg/kg dry	0.000955	0.000955	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:05	11/06/2013 15:19	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.8		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-20 (2-4)

York Sample ID: 13K0059-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	12.6		mg/kg dry	1.43	1.43	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC
7440-39-3	Barium	420		mg/kg dry	1.43	1.43	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.428	0.428	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC
7440-47-3	Chromium	17.5		mg/kg dry	0.714	0.714	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC
7439-92-1	Lead	864		mg/kg dry	0.428	0.428	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC
7782-49-2	Selenium	3.06		mg/kg dry	1.43	1.43	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC
7440-22-4	Silver	ND		mg/kg dry	0.714	0.714	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:54	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC



Sample Information

Client Sample ID: SP-20 (2-4)

York Sample ID: 13K0059-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	1.00		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC
7439-92-1	Lead	0.430	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:32	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	3.75		mg/kg dry	0.00114	0.00114	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.00170		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:05	11/06/2013 15:19	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	70.0		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK

Sample Information

Client Sample ID: SP-20 (4-6)

York Sample ID: 13K0059-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.52		mg/kg dry	1.38	1.38	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC
7440-39-3	Barium	199		mg/kg dry	1.38	1.38	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC



Sample Information

Client Sample ID: SP-20 (4-6)

York Sample ID: 13K0059-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13K0059

130303 28-46 Roebling St Brooklyn, NY

Soil

November 1, 2013 3:00 pm

11/04/2013

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.413	0.413	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC
7440-47-3	Chromium	15.9		mg/kg dry	0.689	0.689	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC
7439-92-1	Lead	509		mg/kg dry	0.413	0.413	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC
7782-49-2	Selenium	ND		mg/kg dry	1.38	1.38	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC
7440-22-4	Silver	ND		mg/kg dry	0.689	0.689	1	EPA 6010C	11/06/2013 13:47	11/07/2013 00:59	AMC

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.032		mg/L	0.004	0.004	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC
7440-39-3	Barium	0.590		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC
7439-92-1	Lead	2.93	B	mg/L	0.003	0.003	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	11/05/2013 13:20	11/06/2013 04:38	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.16		mg/kg dry	0.00110	0.00110	1	EPA 7473	11/08/2013 08:23	11/08/2013 13:55	AA

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7470/1311	11/06/2013 11:05	11/06/2013 15:19	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	72.6		%	0.100	0.100	1	SM 2540G	11/06/2013 13:25	11/06/2013 16:32	KK

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/04/2013 18:00	11/05/2013 14:56	KK



Analytical Batch Summary

Batch ID: BK30152 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-01	SP-8 (0-2)	11/04/13
13K0059-02	SP-8 (2-4)	11/04/13
13K0059-03	SP-8 (4-6)	11/04/13
13K0059-04	SP-9 (0-2)	11/04/13
13K0059-05	SP-9 (2-4)	11/04/13
13K0059-06	SP-9 (4-6)	11/04/13
13K0059-07	SP-10 (0-2)	11/04/13
13K0059-08	SP-10 (2-4)	11/04/13
13K0059-09	SP-10 (4-6)	11/04/13
13K0059-10	SP-11 (0-2)	11/04/13
13K0059-11	SP-11 (2-4)	11/04/13
13K0059-12	SP-11 (4-6)	11/04/13
13K0059-13	SP-12 (0-2)	11/04/13
13K0059-14	SP-12 (2-4)	11/04/13
13K0059-15	SP-12 (4-6)	11/04/13
13K0059-16	SP-13 (0-2)	11/04/13
13K0059-17	SP-13 (2-4)	11/04/13
13K0059-18	SP-13 (4-6)	11/04/13
13K0059-19	SP-14 (0-2)	11/04/13
13K0059-20	SP-14 (2-4)	11/04/13
BK30152-BLK1	Blank	11/04/13

Batch ID: BK30153 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-21	SP-14 (4-6)	11/04/13
13K0059-22	SP-15 (0-2)	11/04/13
13K0059-23	SP-15 (2-4)	11/04/13
13K0059-24	SP-15 (4-6)	11/04/13
13K0059-25	SP-16 (0-2)	11/04/13
13K0059-26	SP-16 (2-4)	11/04/13
13K0059-27	SP-16 (4-6)	11/04/13
13K0059-28	SP-17 (0-2)	11/04/13
13K0059-29	SP-17 (2-4)	11/04/13
13K0059-30	SP-17 (4-6)	11/04/13
13K0059-31	SP-18 (0-2)	11/04/13
13K0059-32	SP-18 (2-4)	11/04/13
13K0059-33	SP-19 (0-2)	11/04/13
13K0059-34	SP-19 (2-4)	11/04/13
13K0059-35	SP-19 (4-6)	11/04/13
13K0059-36	SP-20 (0-2)	11/04/13
13K0059-37	SP-20 (2-4)	11/04/13
13K0059-38	SP-20 (4-6)	11/04/13
BK30153-BLK1	Blank	11/04/13



Batch ID: BK30183

Preparation Method: EPA SW846-7470

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-01	SP-8 (0-2)	11/05/13
13K0059-02	SP-8 (2-4)	11/05/13
13K0059-03	SP-8 (4-6)	11/05/13
13K0059-04	SP-9 (0-2)	11/05/13
13K0059-05	SP-9 (2-4)	11/05/13
13K0059-06	SP-9 (4-6)	11/05/13
13K0059-07	SP-10 (0-2)	11/05/13
13K0059-08	SP-10 (2-4)	11/05/13
13K0059-09	SP-10 (4-6)	11/05/13
13K0059-10	SP-11 (0-2)	11/05/13
13K0059-11	SP-11 (2-4)	11/05/13
13K0059-12	SP-11 (4-6)	11/05/13
13K0059-13	SP-12 (0-2)	11/05/13
13K0059-14	SP-12 (2-4)	11/05/13
13K0059-15	SP-12 (4-6)	11/05/13
BK30183-BLK1	Blank	11/05/13
BK30183-BLK2	Blank	11/05/13
BK30183-BS1	LCS	11/05/13
BK30183-BS2	LCS	11/05/13

Batch ID: BK30192

Preparation Method: EPA 3050B

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-01	SP-8 (0-2)	11/05/13
13K0059-02	SP-8 (2-4)	11/05/13
13K0059-03	SP-8 (4-6)	11/05/13
13K0059-04	SP-9 (0-2)	11/05/13
13K0059-05	SP-9 (2-4)	11/05/13
13K0059-06	SP-9 (4-6)	11/05/13
13K0059-07	SP-10 (0-2)	11/05/13
13K0059-08	SP-10 (2-4)	11/05/13
13K0059-09	SP-10 (4-6)	11/05/13
13K0059-10	SP-11 (0-2)	11/05/13
13K0059-11	SP-11 (2-4)	11/05/13
13K0059-12	SP-11 (4-6)	11/05/13
13K0059-13	SP-12 (0-2)	11/05/13
13K0059-14	SP-12 (2-4)	11/05/13
13K0059-15	SP-12 (4-6)	11/05/13
13K0059-16	SP-13 (0-2)	11/05/13
13K0059-17	SP-13 (2-4)	11/05/13
13K0059-18	SP-13 (4-6)	11/05/13
13K0059-19	SP-14 (0-2)	11/05/13
13K0059-20	SP-14 (2-4)	11/05/13
BK30192-BLK1	Blank	11/05/13
BK30192-DUP1	Duplicate	11/05/13
BK30192-MS1	Matrix Spike	11/05/13
BK30192-SRM1	Reference	11/05/13



Batch ID: BK30193

Preparation Method: EPA 3010A

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-01	SP-8 (0-2)	11/05/13
13K0059-02	SP-8 (2-4)	11/05/13
13K0059-03	SP-8 (4-6)	11/05/13
13K0059-04	SP-9 (0-2)	11/05/13
13K0059-05	SP-9 (2-4)	11/05/13
13K0059-06	SP-9 (4-6)	11/05/13
13K0059-07	SP-10 (0-2)	11/05/13
13K0059-08	SP-10 (2-4)	11/05/13
13K0059-09	SP-10 (4-6)	11/05/13
13K0059-10	SP-11 (0-2)	11/05/13
13K0059-11	SP-11 (2-4)	11/05/13
13K0059-12	SP-11 (4-6)	11/05/13
13K0059-13	SP-12 (0-2)	11/05/13
13K0059-14	SP-12 (2-4)	11/05/13
13K0059-15	SP-12 (4-6)	11/05/13
13K0059-16	SP-13 (0-2)	11/05/13
13K0059-17	SP-13 (2-4)	11/05/13
13K0059-18	SP-13 (4-6)	11/05/13
13K0059-19	SP-14 (0-2)	11/05/13
13K0059-20	SP-14 (2-4)	11/05/13
BK30193-BLK1	Blank	11/05/13
BK30193-BLK2	Blank	11/05/13
BK30193-DUP1	Duplicate	11/05/13
BK30193-MS1	Matrix Spike	11/05/13
BK30193-SRM1	Reference	11/05/13

Batch ID: BK30194

Preparation Method: EPA 3010A

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-21	SP-14 (4-6)	11/05/13
13K0059-22	SP-15 (0-2)	11/05/13
13K0059-23	SP-15 (2-4)	11/05/13
13K0059-24	SP-15 (4-6)	11/05/13
13K0059-25	SP-16 (0-2)	11/05/13
13K0059-26	SP-16 (2-4)	11/05/13
13K0059-27	SP-16 (4-6)	11/05/13
13K0059-28	SP-17 (0-2)	11/05/13
13K0059-29	SP-17 (2-4)	11/05/13
13K0059-30	SP-17 (4-6)	11/05/13
13K0059-31	SP-18 (0-2)	11/05/13
13K0059-32	SP-18 (2-4)	11/05/13
13K0059-33	SP-19 (0-2)	11/05/13
13K0059-34	SP-19 (2-4)	11/05/13
13K0059-35	SP-19 (4-6)	11/05/13
13K0059-36	SP-20 (0-2)	11/05/13
13K0059-37	SP-20 (2-4)	11/05/13
13K0059-38	SP-20 (4-6)	11/05/13
BK30194-BLK1	Blank	11/05/13
BK30194-BLK2	Blank	11/05/13



BK30194-DUP1 Duplicate 11/05/13
BK30194-MS1 Matrix Spike 11/05/13
BK30194-SRM1 Reference 11/05/13

Batch ID: BK30246 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-16	SP-13 (0-2)	11/06/13
13K0059-17	SP-13 (2-4)	11/06/13
13K0059-18	SP-13 (4-6)	11/06/13
13K0059-19	SP-14 (0-2)	11/06/13
13K0059-20	SP-14 (2-4)	11/06/13
13K0059-21	SP-14 (4-6)	11/06/13
13K0059-22	SP-15 (0-2)	11/06/13
13K0059-23	SP-15 (2-4)	11/06/13
13K0059-24	SP-15 (4-6)	11/06/13
13K0059-25	SP-16 (0-2)	11/06/13
13K0059-26	SP-16 (2-4)	11/06/13
13K0059-27	SP-16 (4-6)	11/06/13
13K0059-28	SP-17 (0-2)	11/06/13
13K0059-29	SP-17 (2-4)	11/06/13
13K0059-30	SP-17 (4-6)	11/06/13
13K0059-31	SP-18 (0-2)	11/06/13
13K0059-32	SP-18 (2-4)	11/06/13
13K0059-33	SP-19 (0-2)	11/06/13
13K0059-34	SP-19 (2-4)	11/06/13
BK30246-BLK1	Blank	11/06/13
BK30246-BLK2	Blank	11/06/13
BK30246-BS1	LCS	11/06/13
BK30246-DUP1	Duplicate	11/06/13
BK30246-MS1	Matrix Spike	11/06/13

Batch ID: BK30247 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-35	SP-19 (4-6)	11/06/13
13K0059-36	SP-20 (0-2)	11/06/13
13K0059-37	SP-20 (2-4)	11/06/13
13K0059-38	SP-20 (4-6)	11/06/13
BK30247-BLK1	Blank	11/06/13
BK30247-BLK2	Blank	11/06/13
BK30247-BS1	LCS	11/06/13
BK30247-DUP1	Duplicate	11/06/13
BK30247-MS1	Matrix Spike	11/06/13

Batch ID: BK30257 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-01	SP-8 (0-2)	11/06/13
13K0059-02	SP-8 (2-4)	11/06/13
13K0059-03	SP-8 (4-6)	11/06/13



13K0059-04	SP-9 (0-2)	11/06/13
13K0059-05	SP-9 (2-4)	11/06/13
13K0059-06	SP-9 (4-6)	11/06/13
13K0059-07	SP-10 (0-2)	11/06/13
13K0059-08	SP-10 (2-4)	11/06/13
13K0059-09	SP-10 (4-6)	11/06/13
13K0059-10	SP-11 (0-2)	11/06/13
13K0059-11	SP-11 (2-4)	11/06/13
13K0059-12	SP-11 (4-6)	11/06/13
13K0059-13	SP-12 (0-2)	11/06/13
13K0059-14	SP-12 (2-4)	11/06/13
13K0059-15	SP-12 (4-6)	11/06/13
13K0059-16	SP-13 (0-2)	11/06/13
13K0059-17	SP-13 (2-4)	11/06/13
13K0059-18	SP-13 (4-6)	11/06/13
13K0059-19	SP-14 (0-2)	11/06/13
13K0059-20	SP-14 (2-4)	11/06/13

Batch ID: BK30258 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-21	SP-14 (4-6)	11/06/13
13K0059-22	SP-15 (0-2)	11/06/13
13K0059-23	SP-15 (2-4)	11/06/13
13K0059-24	SP-15 (4-6)	11/06/13
13K0059-25	SP-16 (0-2)	11/06/13
13K0059-26	SP-16 (2-4)	11/06/13
13K0059-27	SP-16 (4-6)	11/06/13
13K0059-28	SP-17 (0-2)	11/06/13
13K0059-29	SP-17 (2-4)	11/06/13
13K0059-30	SP-17 (4-6)	11/06/13
13K0059-31	SP-18 (0-2)	11/06/13
13K0059-32	SP-18 (2-4)	11/06/13
13K0059-33	SP-19 (0-2)	11/06/13
13K0059-34	SP-19 (2-4)	11/06/13
13K0059-35	SP-19 (4-6)	11/06/13
13K0059-36	SP-20 (0-2)	11/06/13
13K0059-37	SP-20 (2-4)	11/06/13
13K0059-38	SP-20 (4-6)	11/06/13

Batch ID: BK30260 **Preparation Method:** EPA 3050B **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-21	SP-14 (4-6)	11/06/13
13K0059-22	SP-15 (0-2)	11/06/13
13K0059-23	SP-15 (2-4)	11/06/13
13K0059-24	SP-15 (4-6)	11/06/13
13K0059-25	SP-16 (0-2)	11/06/13
13K0059-26	SP-16 (2-4)	11/06/13
13K0059-27	SP-16 (4-6)	11/06/13
13K0059-28	SP-17 (0-2)	11/06/13
13K0059-29	SP-17 (2-4)	11/06/13



13K0059-30	SP-17 (4-6)	11/06/13
13K0059-31	SP-18 (0-2)	11/06/13
13K0059-32	SP-18 (2-4)	11/06/13
13K0059-33	SP-19 (0-2)	11/06/13
13K0059-34	SP-19 (2-4)	11/06/13
13K0059-35	SP-19 (4-6)	11/06/13
13K0059-36	SP-20 (0-2)	11/06/13
13K0059-37	SP-20 (2-4)	11/06/13
13K0059-38	SP-20 (4-6)	11/06/13
BK30260-BLK1	Blank	11/06/13
BK30260-DUP1	Duplicate	11/06/13
BK30260-MS1	Matrix Spike	11/06/13
BK30260-SRM1	Reference	11/06/13

Batch ID: BK30279 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-01	SP-8 (0-2)	11/07/13
13K0059-02	SP-8 (2-4)	11/07/13
13K0059-03	SP-8 (4-6)	11/07/13
13K0059-04	SP-9 (0-2)	11/07/13
BK30279-BLK1	Blank	11/07/13
BK30279-SRM1	Reference	11/07/13

Batch ID: BK30370 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-25	SP-16 (0-2)	11/08/13
13K0059-26	SP-16 (2-4)	11/08/13
13K0059-27	SP-16 (4-6)	11/08/13
13K0059-28	SP-17 (0-2)	11/08/13
13K0059-29	SP-17 (2-4)	11/08/13
13K0059-30	SP-17 (4-6)	11/08/13
13K0059-31	SP-18 (0-2)	11/08/13
13K0059-32	SP-18 (2-4)	11/08/13
13K0059-33	SP-19 (0-2)	11/08/13
13K0059-34	SP-19 (2-4)	11/08/13
13K0059-35	SP-19 (4-6)	11/08/13
13K0059-36	SP-20 (0-2)	11/08/13
13K0059-37	SP-20 (2-4)	11/08/13
13K0059-38	SP-20 (4-6)	11/08/13
BK30370-BLK1	Blank	11/08/13
BK30370-SRM1	Reference	11/08/13

Batch ID: BK30406 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13K0059-05	SP-9 (2-4)	11/08/13
13K0059-06	SP-9 (4-6)	11/08/13
13K0059-07	SP-10 (0-2)	11/08/13
13K0059-08	SP-10 (2-4)	11/08/13



13K0059-09	SP-10 (4-6)	11/08/13
13K0059-10	SP-11 (0-2)	11/08/13
13K0059-11	SP-11 (2-4)	11/08/13
13K0059-12	SP-11 (4-6)	11/08/13
13K0059-13	SP-12 (0-2)	11/08/13
13K0059-14	SP-12 (2-4)	11/08/13
13K0059-15	SP-12 (4-6)	11/08/13
13K0059-16	SP-13 (0-2)	11/08/13
13K0059-17	SP-13 (2-4)	11/08/13
13K0059-18	SP-13 (4-6)	11/08/13
13K0059-19	SP-14 (0-2)	11/08/13
13K0059-20	SP-14 (2-4)	11/08/13
13K0059-21	SP-14 (4-6)	11/08/13
13K0059-22	SP-15 (0-2)	11/08/13
13K0059-23	SP-15 (2-4)	11/08/13
13K0059-24	SP-15 (4-6)	11/08/13
BK30406-BLK1	Blank	11/08/13
BK30406-BS1	LCS	11/08/13
BK30406-DUP1	Duplicate	11/08/13
BK30406-MS1	Matrix Spike	11/08/13



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
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Batch BK30192 - EPA 3050B

Blank (BK30192-BLK1)

Prepared & Analyzed: 11/05/2013

Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								

Duplicate (BK30192-DUP1)

*Source sample: 13K0059-01 (SP-8 (0-2))

Prepared & Analyzed: 11/05/2013

Arsenic	12.9	1.17	mg/kg dry	235	12.9	106	75-125		0.190	35	
Barium	2480	1.17	"	235	2460	105	75-125		0.887	35	
Cadmium	3.90	0.352	"	5.87	3.85	93.8	75-125		1.14	35	
Chromium	30.0	0.587	"	23.5	29.6	98.2	75-125		1.40	35	
Lead	1420	0.352	"	58.7	1400	122	75-125		1.50	35	
Selenium	2.62	1.17	"	85.9	3.41	102	63.9-136		26.4	35	
Silver	ND	0.587	"	61.3	ND	90.4	66.9-133			35	

Matrix Spike (BK30192-MS1)

*Source sample: 13K0059-01 (SP-8 (0-2))

Prepared & Analyzed: 11/05/2013

Arsenic	262	1.17	mg/kg dry	235	12.9	106	75-125				
Barium	2710	1.17	"	235	2460	105	75-125				
Cadmium	9.36	0.352	"	5.87	3.85	93.8	75-125				
Chromium	52.6	0.587	"	23.5	29.6	98.2	75-125				
Lead	1470	0.352	"	58.7	1400	122	75-125				
Silver	4.89	0.587	"	61.3	ND	90.4	66.9-133				

Reference (BK30192-SRM1)

Prepared & Analyzed: 11/05/2013

Arsenic	178	1.00	mg/kg wet	182	97.8	70.9-130					
Barium	140	1.00	"	143	97.9	72.7-128					
Cadmium	54.5	0.300	"	60.4	90.2	73.2-129					
Chromium	119	0.500	"	125	94.9	69.8-130					
Lead	127	0.300	"	136	93.7	73.1-127					
Selenium	87.4	1.00	"	85.9	102	63.9-136					
Silver	55.4	0.500	"	61.3	90.4	66.9-133					



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
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Batch BK30193 - EPA 3010A

Blank (BK30193-BLK1)

Prepared & Analyzed: 11/05/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BK30193-BLK2)

Prepared & Analyzed: 11/05/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.013	0.010	"								
Silver	ND	0.005	"								

Duplicate (BK30193-DUP1)

*Source sample: 13K0059-20 (SP-14 (2-4))

Prepared: 11/05/2013 Analyzed: 11/06/2013

Arsenic	ND	0.004	mg/L		ND						20
Barium	0.796	0.010	"		0.803				0.854		20
Cadmium	0.015	0.003	"		0.016				0.462		20
Chromium	ND	0.005	"		0.005						20
Lead	3.32	0.003	"		3.35				1.04		20
Selenium	ND	0.010	"		ND						20
Silver	ND	0.005	"		ND						20

Matrix Spike (BK30193-MS1)

*Source sample: 13K0059-20 (SP-14 (2-4))

Prepared: 11/05/2013 Analyzed: 11/06/2013

Arsenic	2.20	0.004	mg/L	2.00	ND	110	75-125				
Barium	2.70	0.010	"	2.00	0.803	94.7	75-125				
Cadmium	0.061	0.003	"	0.0500	0.016	91.1	75-125				
Chromium	0.197	0.005	"	0.200	0.005	95.8	75-125				
Lead	3.82	0.003	"	0.500	3.35	94.3	75-125				
Selenium	2.50	0.010	"	2.00	ND	125	75-125				
Silver	0.050	0.005	"	0.0500	ND	99.9	75-125				



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
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Batch BK30193 - EPA 3010A

Reference (BK30193-SRM1)

Prepared & Analyzed: 11/05/2013

Arsenic	0.298	0.004	mg/L	0.341		87.5	83.3-118				
Barium	1.20	0.010	"	1.18		101	86.4-113				
Cadmium	0.076	0.003	"	0.0854		89.2	84.4-115				
Chromium	0.605	0.005	"	0.644		93.9	87.1-113				
Lead	0.493	0.003	"	0.517		95.4	87-113				
Selenium	0.318	0.010	"	0.362		87.8	78.7-116				
Silver	0.181	0.005	"	0.210		86.4	85.7-115				

Batch BK30194 - EPA 3010A

Blank (BK30194-BLK1)

Prepared: 11/05/2013 Analyzed: 11/06/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BK30194-BLK2)

Prepared: 11/05/2013 Analyzed: 11/06/2013

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	0.003	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result		Limits		Limit			

Batch BK30194 - EPA 3010A

Duplicate (BK30194-DUP1)		*Source sample: 13K0059-38 (SP-20 (4-6))						Prepared: 11/05/2013 Analyzed: 11/06/2013				
Arsenic	0.030	0.004	mg/L		0.032					6.57	20	
Barium	0.573	0.010	"		0.590					2.91	20	
Cadmium	0.005	0.003	"		0.006					6.20	20	
Chromium	ND	0.005	"		ND						20	
Lead	2.84	0.003	"		2.93					3.11	20	
Selenium	ND	0.010	"		ND						20	
Silver	ND	0.005	"		ND						20	

Matrix Spike (BK30194-MS1)		*Source sample: 13K0059-38 (SP-20 (4-6))						Prepared: 11/05/2013 Analyzed: 11/06/2013				
Arsenic	2.09	0.004	mg/L	2.00	0.032	103	75-125					
Barium	2.41	0.010	"	2.00	0.590	91.2	75-125					
Cadmium	0.050	0.003	"	0.0500	0.006	88.6	75-125					
Chromium	0.191	0.005	"	0.200	ND	95.3	75-125					
Lead	3.32	0.003	"	0.500	2.93	76.4	75-125					
Selenium	2.32	0.010	"	2.00	ND	116	75-125					
Silver	0.047	0.005	"	0.0500	ND	94.9	75-125					

Reference (BK30194-SRM1)		Prepared: 11/05/2013 Analyzed: 11/06/2013										
Arsenic	0.295	0.004	mg/L	0.341		86.5	83.3-118					
Barium	1.18	0.010	"	1.18		100	86.4-113					
Cadmium	0.076	0.003	"	0.0854		89.2	84.4-115					
Chromium	0.598	0.005	"	0.644		92.9	87.1-113					
Lead	0.490	0.003	"	0.517		94.7	87-113					
Selenium	0.315	0.010	"	0.362		86.9	78.7-116					
Silver	0.198	0.005	"	0.210		94.4	85.7-115					

Batch BK30260 - EPA 3050B

Blank (BK30260-BLK1)		Prepared & Analyzed: 11/06/2013										
Arsenic	ND	1.00	mg/kg wet									
Barium	ND	1.00	"									
Cadmium	ND	0.300	"									
Chromium	ND	0.500	"									
Lead	ND	0.300	"									
Selenium	ND	1.00	"									
Silver	ND	0.500	"									



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
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Batch BK30260 - EPA 3050B

Duplicate (BK30260-DUP1)	*Source sample: 13K0059-21 (SP-14 (4-6))						Prepared & Analyzed: 11/06/2013				
Arsenic	8.10	1.22	mg/kg dry		8.04				0.807	35	
Barium	558	1.22	"		561				0.443	35	
Cadmium	ND	0.365	"		ND					35	
Chromium	29.9	0.608	"		29.8				0.213	35	
Lead	921	0.365	"		924				0.288	35	
Selenium	ND	1.22	"		1.50					35	
Silver	ND	0.608	"		ND					35	

Matrix Spike (BK30260-MS1)	*Source sample: 13K0059-21 (SP-14 (4-6))						Prepared & Analyzed: 11/06/2013				
Arsenic	245	1.22	mg/kg dry	243	8.04	97.6	75-125				
Barium	804	1.22	"	243	561	99.9	75-125				
Cadmium	5.83	0.365	"	6.08	ND	95.9	75-125				
Chromium	52.6	0.608	"	24.3	29.8	93.8	75-125				
Lead	983	0.365	"	60.8	924	98.3	75-125				
Silver	3.08	0.608	"	6.08	ND	50.7	75-125	Low Bias			

Reference (BK30260-SRM1)	Prepared & Analyzed: 11/06/2013										
Arsenic	176	1.00	mg/kg wet	182		96.5	70.9-130				
Barium	140	1.00	"	143		97.7	72.7-128				
Cadmium	54.3	0.300	"	60.4		89.9	73.2-129				
Chromium	118	0.500	"	125		94.7	69.8-130				
Lead	125	0.300	"	136		91.9	73.1-127				
Selenium	83.3	1.00	"	85.9		97.0	63.9-136				
Silver	55.3	0.500	"	61.3		90.2	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 BK30183 - EPA SW846-7470											
Blank (BK30183-BLK1)								Prepared & Analyzed: 11/05/2013			
Mercury	ND	0.000200	mg/L								
Blank (BK30183-BLK2)								Prepared & Analyzed: 11/05/2013			
Mercury	ND	0.000200	mg/L								
LCS (BK30183-BS1)								Prepared & Analyzed: 11/05/2013			
Mercury	0.00224	0.000200	mg/L	0.00200		112	80-120				
LCS (BK30183-BS2)								Prepared & Analyzed: 11/05/2013			
Mercury	0.00200	0.000200	mg/L	0.00200		100	80-120				
Batch BK30246 - EPA SW846-7470											
Blank (BK30246-BLK1)								Prepared & Analyzed: 11/06/2013			
Mercury	ND	0.000200	mg/L								
Blank (BK30246-BLK2)								Prepared & Analyzed: 11/06/2013			
Mercury	ND	0.000200	mg/L								
LCS (BK30246-BS1)								Prepared & Analyzed: 11/06/2013			
Mercury	0.00189	0.000200	mg/L	0.00200		94.7	80-120				
Duplicate (BK30246-DUP1)								Prepared & Analyzed: 11/06/2013			
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BK30246-MS1)								Prepared & Analyzed: 11/06/2013			
Mercury	0.00222	0.000200	mg/L	0.00200	ND	111	75-125				



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 BK30247 - EPA SW846-7470											
Blank (BK30247-BLK1) Prepared & Analyzed: 11/06/2013											
Mercury	ND	0.000200	mg/L								
Blank (BK30247-BLK2) Prepared & Analyzed: 11/06/2013											
Mercury	ND	0.000200	mg/L								
LCS (BK30247-BS1) Prepared & Analyzed: 11/06/2013											
Mercury	0.00215	0.000200	mg/L	0.00200		107	80-120				
Duplicate (BK30247-DUP1) *Source sample: 13K0059-38 (SP-20 (4-6)) Prepared & Analyzed: 11/06/2013											
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BK30247-MS1) *Source sample: 13K0059-38 (SP-20 (4-6)) Prepared & Analyzed: 11/06/2013											
Mercury	0.00199	0.000200	mg/L	0.00200	ND	99.6	75-125				
Batch BK30279 - EPA 7473 soil											
Blank (BK30279-BLK1) Prepared & Analyzed: 11/07/2013											
Mercury	ND	0.000800	mg/kg wet								
Reference (BK30279-SRM1) Prepared & Analyzed: 11/07/2013											
Mercury	4.22		mg/kg	3.73		113	68.6-131				
Batch BK30370 - EPA 7473 soil											
Blank (BK30370-BLK1) Prepared & Analyzed: 11/08/2013											
Mercury	ND	0.000800	mg/kg wet								



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK30370 - EPA 7473 soil											
Reference (BK30370-SRM1)							Prepared & Analyzed: 11/08/2013				
Mercury	0.00		mg/kg	3.73			68.6-131	Low Bias			
Batch BK30406 - EPA SW846-7471											
Blank (BK30406-BLK1)							Prepared & Analyzed: 11/08/2013				
Mercury	ND	0.0330	mg/kg wet								
LCS (BK30406-BS1)							Prepared & Analyzed: 11/08/2013				
Mercury	4.23		mg/kg	3.73		113	67.6-131				
Duplicate (BK30406-DUP1)							Prepared & Analyzed: 11/08/2013				
*Source sample: 13K0059-06 (SP-9 (4-6))											
Mercury	ND	0.0507	mg/kg dry		ND						35
Matrix Spike (BK30406-MS1)							Prepared & Analyzed: 11/08/2013				
*Source sample: 13K0059-06 (SP-9 (4-6))											
Mercury	0.350		mg/kg	0.333	ND	105	75-125				



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
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Batch BK30152 - EPA SW 846-1311 TCLP ext. for metals

Blank (BK30152-BLK1)

Prepared: 11/04/2013 Analyzed: 11/05/2013

TCLP Extraction	Completed	1.00	N/A								
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Batch BK30153 - EPA SW 846-1311 TCLP ext. for metals

Blank (BK30153-BLK1)

Prepared: 11/04/2013 Analyzed: 11/05/2013

TCLP Extraction	Completed	1.00	N/A								
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Notes and Definitions

M-MISpk The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.

M-LSRD Original sample conc <50 X reporting limit.

EXT-COMP Completed

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

APPENDIX 7

Laboratory Data Deliverables for Groundwater Analytical Results



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue

Brooklyn NY, 11225

Attention: Sasha Rothenberg

Report Date: 09/09/2013

Client Project ID: 130222-28-46 Roebling St, Brooklyn, NY

York Project (SDG) No.: 13I0103

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/09/2013
Client Project ID: 130222-28-46 Roebing St, Brooklyn, NY
York Project (SDG) No.: 13I0103

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

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 30, 2013 and listed below. The project was identified as your project: **130222-28-46 Roebing St, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13I0103-01	MW-1	Water	08/28/2013	08/30/2013
13I0103-02	MW-2	Water	08/28/2013	08/30/2013
13I0103-03	MW-3	Water	08/28/2013	08/30/2013
13I0103-04	FB-1 (field blank)	Water	08/28/2013	08/30/2013
13I0103-05	Trip blank	Water	08/28/2013	08/30/2013

General Notes for York Project (SDG) No.: 13I0103

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:



Benjamin Gulizia
Laboratory Director

Date: 09/09/2013

YORK



Sample Information

Client Sample ID: MW-1		York Sample ID: 1310103-01
York Project (SDG) No.: 1310103	Client Project ID: 130222-28-46 Roebing St, Brooklyn, NY	Matrix: Water
		Collection Date/Time: August 28, 2013 4:00 pm
		Date Received: 08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
78-93-3	2-Butanone	12		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
67-64-1	Acetone	57		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK



Sample Information

Client Sample ID: MW-1

York Sample ID: 1310103-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-00-3	Chloroethane	2.8	J	ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
98-82-8	Isopropylbenzene	7.8		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
103-65-1	n-Propylbenzene	5.3		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
99-87-6	p-Isopropyltoluene	12		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
135-98-8	sec-Butylbenzene	17		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
98-06-6	tert-Butylbenzene	3.8	J	ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 11:32	BK



Sample Information

Client Sample ID: MW-1

York Sample ID: 1310103-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %			87-112						
2037-26-5	Surrogate: Toluene-d8	99.1 %			91-110						

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.77	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
208-96-8	Acenaphthylene	ND		ug/L	1.74	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
120-12-7	Anthracene	ND		ug/L	1.19	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.31	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.30	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.41	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.71	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.83	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.852	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.33	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.89	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.98	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.77	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.50	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.99	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.78	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.20	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.79	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
218-01-9	Chrysene	ND		ug/L	1.47	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
132-64-9	Dibenzofuran	ND		ug/L	2.41	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.05	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.49	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 1310103-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.21	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.27	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.89	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.60	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
131-11-3	Dimethyl phthalate	ND		ug/L	1.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.62	10.0	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.25	10.0	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.12	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
206-44-0	Fluoranthene	ND		ug/L	1.24	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
86-73-7	Fluorene	ND		ug/L	1.83	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.27	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.79	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.53	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
67-72-1	Hexachloroethane	ND		ug/L	3.04	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.70	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
78-59-1	Isophorone	ND		ug/L	2.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
91-57-6	2-Methylnaphthalene	4.36	J	ug/L	2.76	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.12	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
95-48-7	2-Methylphenol	ND		ug/L	1.16	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
91-20-3	Naphthalene	ND		ug/L	1.99	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
98-95-3	Nitrobenzene	ND		ug/L	1.69	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.36	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.66	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.389	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR



Sample Information

Client Sample ID: MW-1

York Sample ID: 1310103-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
85-01-8	Phenanthrene	ND		ug/L	1.37	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
108-95-2	Phenol	ND		ug/L	1.10	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
129-00-0	Pyrene	ND		ug/L	1.73	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
110-86-1	Pyridine	ND		ug/L	3.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.47	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.75	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 03:35	SR
Surrogate Recoveries		Result	Acceptance Range								
5175-83-7	Surrogate: 2,4,6-Tribromophenol	78.4 %	17-127								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.7 %	14-101								
367-12-4	Surrogate: 2-Fluorophenol	17.4 %	10-52								
4165-60-0	Surrogate: Nitrobenzene-d5	50.5 %	12-112								
4165-62-2	Surrogate: Phenol-d5	12.0 %	10-117								
1718-51-0	Surrogate: Terphenyl-d14	62.9 %	10-151								

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes: EXT-D

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
72-43-5	Methoxychlor	ND		ug/L	0.00571	0.00571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
76-44-8	Heptachlor	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
72-20-8	Endrin	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
959-98-8	Endosulfan I	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
60-57-1	Dieldrin	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
319-86-8	delta-BHC	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
57-74-9	Chlordane, total	ND		ug/L	0.00457	0.00457	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW



Sample Information

Client Sample ID: MW-1 **York Sample ID:** 1310103-01
York Project (SDG) No.: 1310103 **Client Project ID:** 130222-28-46 Roebing St, Brooklyn, NY **Matrix:** Water **Collection Date/Time:** August 28, 2013 4:00 pm **Date Received:** 08/30/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes: EXT-D

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
319-84-6	alpha-BHC	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
309-00-2	Aldrin	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00114	0.00114	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
1336-36-3	Total PCBs	ND		ug/L	0.0571	0.0571	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:04	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	34.7 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	17.7 %	S-04		30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8.45		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-38-2	Arsenic	0.006		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-39-3	Barium	0.736		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-70-2	Calcium	95.2		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-47-3	Chromium	0.137		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-48-4	Cobalt	0.016		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-50-8	Copper	0.076		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7439-89-6	Iron	26.8		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7439-92-1	Lead	0.962		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7439-95-4	Magnesium	28.2		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7439-96-5	Manganese	3.00		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW



Sample Information

Client Sample ID: MW-1

York Sample ID: 1310103-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.035		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-09-7	Potassium	31.6		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-23-5	Sodium	325		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-62-2	Vanadium	0.037		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW
7440-66-6	Zinc	0.821		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:06	MW

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.014		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-39-3	Barium	0.153		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-70-2	Calcium	67.7		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-50-8	Copper	0.015		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7439-89-6	Iron	0.022		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7439-92-1	Lead	0.004		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7439-95-4	Magnesium	25.4		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7439-96-5	Manganese	1.70		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-02-0	Nickel	0.008		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-09-7	Potassium	32.0		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7782-49-2	Selenium	0.019		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-23-5	Sodium	331		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW
7440-66-6	Zinc	0.089		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:49	MW



Sample Information

Client Sample ID: MW-1

York Sample ID: 1310103-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0006		mg/L	0.0002	0.0002	1	EPA SW846-7470	09/06/2013 10:30	09/06/2013 16:17	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039000	0.0002000	1	EPA SW846-7470	09/06/2013 10:34	09/06/2013 16:21	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	SW846-7196A	08/30/2013 16:42	08/30/2013 16:42	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	0.137		mg/L	0.00800	0.0100	1	Calculation	09/06/2013 17:04	09/06/2013 17:06	BGS

Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
67-64-1	Acetone	36		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:12	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.7 %			87-112						
2037-26-5	Surrogate: Toluene-d8	98.6 %			91-110						



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.77	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
208-96-8	Acenaphthylene	ND		ug/L	1.74	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
120-12-7	Anthracene	ND		ug/L	1.19	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.31	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.30	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.41	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.71	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.83	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.852	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.33	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.89	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.98	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.77	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.50	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.99	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.78	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.20	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.79	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
218-01-9	Chrysene	ND		ug/L	1.47	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
132-64-9	Dibenzofuran	ND		ug/L	2.41	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.05	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.49	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.21	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.27	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.89	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.60	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	1.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.62	10.0	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.25	10.0	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.12	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
206-44-0	Fluoranthene	ND		ug/L	1.24	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
86-73-7	Fluorene	ND		ug/L	1.83	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.27	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.79	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.53	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
67-72-1	Hexachloroethane	ND		ug/L	3.04	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.70	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
78-59-1	Isophorone	ND		ug/L	2.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.12	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
95-48-7	2-Methylphenol	ND		ug/L	1.16	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
91-20-3	Naphthalene	ND		ug/L	1.99	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
98-95-3	Nitrobenzene	ND		ug/L	1.69	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.36	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.66	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.389	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
85-01-8	Phenanthrene	ND		ug/L	1.37	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
108-95-2	Phenol	ND		ug/L	1.10	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
129-00-0	Pyrene	ND		ug/L	1.73	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
110-86-1	Pyridine	ND		ug/L	3.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.47	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.75	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:08	SR
	Surrogate Recoveries	Result									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	76.8 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	55.0 %									
367-12-4	Surrogate: 2-Fluorophenol	24.3 %									
4165-60-0	Surrogate: Nitrobenzene-d5	51.6 %									
4165-62-2	Surrogate: Phenol-d5	13.1 %									
1718-51-0	Surrogate: Terphenyl-d14	63.2 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes: EXT-D

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes: EXT-D

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
1336-36-3	Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:19	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.3 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	29.9 %			30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9.90		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-36-0	Antimony	0.006		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-38-2	Arsenic	0.007		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-39-3	Barium	0.802		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-70-2	Calcium	98.6		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-47-3	Chromium	0.148		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-48-4	Cobalt	0.017		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-50-8	Copper	0.091		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7439-89-6	Iron	32.9		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7439-92-1	Lead	0.671		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7439-95-4	Magnesium	34.5		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7439-96-5	Manganese	2.10		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-02-0	Nickel	0.041		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-09-7	Potassium	41.3		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-23-5	Sodium	341		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	0.041		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW
7440-66-6	Zinc	0.937		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:11	MW

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-39-3	Barium	0.230		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-70-2	Calcium	80.8		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7439-95-4	Magnesium	35.8		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7439-96-5	Manganese	0.144		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-09-7	Potassium	45.4		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7782-49-2	Selenium	0.015		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-23-5	Sodium	315		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW
7440-66-6	Zinc	0.053		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:54	MW



Sample Information

Client Sample ID: MW-2

York Sample ID: 1310103-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0007		mg/L	0.0002	0.0002	1	EPA SW846-7470	09/06/2013 10:30	09/06/2013 16:17	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039000.0002000		1	EPA SW846-7470	09/06/2013 10:34	09/06/2013 16:21	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	SW846-7196A	08/30/2013 16:42	08/30/2013 16:42	BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	0.148		mg/L	0.00800	0.0100	1	Calculation	09/06/2013 17:04	09/06/2013 17:06	BGS

Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
78-93-3	2-Butanone	2.7	J	ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
67-64-1	Acetone	19		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 12:52	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %			87-112						
2037-26-5	Surrogate: Toluene-d8	99.3 %			91-110						



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.77	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
208-96-8	Acenaphthylene	ND		ug/L	1.74	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
120-12-7	Anthracene	ND		ug/L	1.19	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.31	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.30	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.41	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.71	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.83	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.852	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.33	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.89	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.98	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.77	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.50	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.99	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.78	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.20	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.79	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
218-01-9	Chrysene	ND		ug/L	1.47	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.41	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.05	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.49	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.21	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.27	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.89	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.60	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	1.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.62	10.0	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.25	10.0	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.12	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
206-44-0	Fluoranthene	ND		ug/L	1.24	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
86-73-7	Fluorene	ND		ug/L	1.83	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.27	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.79	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.53	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
67-72-1	Hexachloroethane	ND		ug/L	3.04	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.70	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
78-59-1	Isophorone	ND		ug/L	2.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.12	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
95-48-7	2-Methylphenol	ND		ug/L	1.16	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
91-20-3	Naphthalene	ND		ug/L	1.99	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
98-95-3	Nitrobenzene	ND		ug/L	1.69	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.36	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.66	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.389	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.45	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
85-01-8	Phenanthrene	ND		ug/L	1.37	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
108-95-2	Phenol	ND		ug/L	1.10	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
129-00-0	Pyrene	ND		ug/L	1.73	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
110-86-1	Pyridine	ND		ug/L	3.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.47	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.75	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.91	5.00	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 04:42	SR
	Surrogate Recoveries	Result									
5175-83-7	Surrogate: 2,4,6-Tribromophenol	79.9 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	56.6 %									
367-12-4	Surrogate: 2-Fluorophenol	19.2 %									
4165-60-0	Surrogate: Nitrobenzene-d5	52.0 %									
4165-62-2	Surrogate: Phenol-d5	13.4 %									
1718-51-0	Surrogate: Terphenyl-d14	65.0 %									

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes: EXT-D

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes: EXT-D

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
1336-36-3	Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:34	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.1 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	21.8 %	S-04		30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	24.0		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-36-0	Antimony	0.006		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-38-2	Arsenic	0.020		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-39-3	Barium	0.959		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-70-2	Calcium	147		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-47-3	Chromium	0.206		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-48-4	Cobalt	0.029		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-50-8	Copper	0.176		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7439-89-6	Iron	79.1		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7439-92-1	Lead	0.806		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7439-95-4	Magnesium	35.1		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7439-96-5	Manganese	1.76		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-02-0	Nickel	0.056		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-09-7	Potassium	28.6		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7782-49-2	Selenium	0.012		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-23-5	Sodium	311		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW



Sample Information

Client Sample ID: MW-3

York Sample ID: 1310103-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	0.098		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW
7440-66-6	Zinc	1.15		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:16	MW

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.018		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-39-3	Barium	0.106		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-70-2	Calcium	73.1		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7439-89-6	Iron	0.368		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7439-95-4	Magnesium	26.5		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7439-96-5	Manganese	0.222		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-09-7	Potassium	22.1		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7782-49-2	Selenium	0.014		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-23-5	Sodium	297		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW
7440-66-6	Zinc	0.022		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 18:59	MW



Sample Information

Client Sample ID: MW-3 York Sample ID: 1310103-03
York Project (SDG) No. 1310103 Client Project ID 130222-28-46 Roebing St, Brooklyn, NY Matrix Water Collection Date/Time August 28, 2013 4:00 pm Date Received 08/30/2013

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, 0.0010, mg/L, 0.0002, 0.0002, 1, EPA SW846-7470, 09/06/2013 10:30, 09/06/2013 16:17, AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.000039000, 0.0002000, 1, EPA SW846-7470, 09/06/2013 10:34, 09/06/2013 16:21, AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 18540-29-9, Chromium, Hexavalent, ND, HT-02, mg/L, 0.00600, 0.0100, 1, SW846-7196A, 08/30/2013 16:42, 08/30/2013 16:42, BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 16065-83-1, Chromium, Trivalent, 0.206, mg/L, 0.00800, 0.0100, 1, Calculation, 09/06/2013 17:04, 09/06/2013 17:06, BGS

Sample Information

Client Sample ID: FB-1 (field blank) York Sample ID: 1310103-04
York Project (SDG) No. 1310103 Client Project ID 130222-28-46 Roebing St, Brooklyn, NY Matrix Water Collection Date/Time August 28, 2013 4:00 pm Date Received 08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include: 630-20-6, 1,1,1,2-Tetrachloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 71-55-6, 1,1,1-Trichloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 79-34-5, 1,1,2,2-Tetrachloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 76-13-1, 1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 79-00-5, 1,1,2-Trichloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 75-34-3, 1,1-Dichloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 75-35-4, 1,1-Dichloroethylene, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 563-58-6, 1,1-Dichloropropylene, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 87-61-6, 1,2,3-Trichlorobenzene, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK; 96-18-4, 1,2,3-Trichloropropane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 13:33, BK



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
67-64-1	Acetone	4.7	J	ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 13:33	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	96.5 %			87-112						
2037-26-5	Surrogate: Toluene-d8	100 %			91-110						



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	1.82	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
208-96-8	Acenaphthylene	ND		ug/L	1.78	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
62-53-3	Aniline	ND		ug/L	1.54	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
120-12-7	Anthracene	ND		ug/L	1.22	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.34	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.33	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.45	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.49	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.75	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.88	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.94	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.90	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.84	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
218-01-9	Chrysene	ND		ug/L	1.51	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.60	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.94	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.64	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.66	10.3	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.31	10.3	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
206-44-0	Fluoranthene	ND		ug/L	1.27	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
86-73-7	Fluorene	ND		ug/L	1.88	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.30	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.86	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
67-72-1	Hexachloroethane	ND		ug/L	3.12	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.74	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.15	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
95-48-7	2-Methylphenol	ND		ug/L	1.19	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
91-20-3	Naphthalene	ND		ug/L	2.04	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
98-95-3	Nitrobenzene	ND		ug/L	1.73	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.42	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.70	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.399	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.49	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
85-01-8	Phenanthrene	ND		ug/L	1.41	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
108-95-2	Phenol	ND		ug/L	1.13	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
129-00-0	Pyrene	ND		ug/L	1.77	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
110-86-1	Pyridine	ND		ug/L	4.01	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.79	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.96	5.13	1	EPA SW-846 8270C/EPA 625	09/04/2013 15:29	09/07/2013 05:14	SR
Surrogate Recoveries		Result			Acceptance Range						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	77.8 %			17-127						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.3 %			14-101						
367-12-4	Surrogate: 2-Fluorophenol	20.6 %			10-52						
4165-60-0	Surrogate: Nitrobenzene-d5	52.6 %			12-112						
4165-62-2	Surrogate: Phenol-d5	14.5 %			10-117						
1718-51-0	Surrogate: Terphenyl-d14	70.6 %			10-151						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
1336-36-3	Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	09/04/2013 15:26	09/05/2013 19:49	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	32.4 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	44.8 %			30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.021		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-70-2	Calcium	0.142		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW
7440-66-6	Zinc	0.015		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:40	09/05/2013 22:21	MW

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-70-2	Calcium	0.153		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-09-7	Potassium	0.080		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-23-5	Sodium	0.321		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW
7440-66-6	Zinc	0.017		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	09/05/2013 15:36	09/05/2013 19:04	MW



Sample Information

Client Sample ID: FB-1 (field blank)

York Sample ID: 1310103-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, 0.0011, mg/L, 0.0002, 0.0002, 1, EPA SW846-7470, 09/06/2013 10:30, 09/06/2013 16:17, AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.000039000, 0.0002000, 1, EPA SW846-7470, 09/06/2013 10:34, 09/06/2013 16:21, AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 18540-29-9, Chromium, Hexavalent, ND, HT-02, mg/L, 0.00600, 0.0100, 1, SW846-7196A, 08/30/2013 16:42, 08/30/2013 16:42, BGS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 16065-83-1, Chromium, Trivalent, ND, mg/L, 0.00800, 0.0100, 1, Calculation, 09/06/2013 17:04, 09/06/2013 17:06, BGS

Sample Information

Client Sample ID: Trip blank

York Sample ID: 1310103-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include: 630-20-6, 1,1,1,2-Tetrachloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 71-55-6, 1,1,1-Trichloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 79-34-5, 1,1,2,2-Tetrachloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 76-13-1, 1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 79-00-5, 1,1,2-Trichloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 75-34-3, 1,1-Dichloroethane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 75-35-4, 1,1-Dichloroethylene, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 563-58-6, 1,1-Dichloropropylene, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 87-61-6, 1,2,3-Trichlorobenzene, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK; 96-18-4, 1,2,3-Trichloropropane, ND, ug/L, 2.5, 5.0, 1, EPA SW846-8260B, 09/05/2013 08:55, 09/05/2013 14:13, BK



Sample Information

Client Sample ID: Trip blank

York Sample ID: 1310103-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebing St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
67-64-1	Acetone	3.6	J	ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK



Sample Information

Client Sample ID: Trip blank

York Sample ID: 1310103-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310103

130222-28-46 Roebling St, Brooklyn, NY

Water

August 28, 2013 4:00 pm

08/30/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	09/05/2013 08:55	09/05/2013 14:13	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.2 %			78-122						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			87-112						
2037-26-5	Surrogate: Toluene-d8	100 %			91-110						



Analytical Batch Summary

Batch ID: BI30118 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/04/13
13I0103-02	MW-2	09/04/13
13I0103-03	MW-3	09/04/13
13I0103-04	FB-1 (field blank)	09/04/13
BI30118-BLK1	Blank	09/04/13
BI30118-BS1	LCS	09/04/13
BI30118-BS2	LCS	09/04/13
BI30118-BSD1	LCS Dup	09/04/13

Batch ID: BI30120 **Preparation Method:** EPA 3510C **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/04/13
13I0103-02	MW-2	09/04/13
13I0103-03	MW-3	09/04/13
13I0103-04	FB-1 (field blank)	09/04/13
BI30120-BLK1	Blank	09/04/13
BI30120-BS1	LCS	09/04/13
BI30120-BSD1	LCS Dup	09/04/13

Batch ID: BI30127 **Preparation Method:** Analysis Preparation **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	08/30/13
13I0103-02	MW-2	08/30/13
13I0103-03	MW-3	08/30/13
13I0103-04	FB-1 (field blank)	08/30/13
BI30127-BLK1	Blank	08/30/13
BI30127-BS1	LCS	08/30/13
BI30127-DUP1	Duplicate	08/30/13
BI30127-MS1	Matrix Spike	08/30/13

Batch ID: BI30175 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/05/13
13I0103-02	MW-2	09/05/13
13I0103-03	MW-3	09/05/13
13I0103-04	FB-1 (field blank)	09/05/13
13I0103-05	Trip blank	09/05/13
BI30175-BLK1	Blank	09/05/13
BI30175-BS1	LCS	09/05/13
BI30175-BSD1	LCS Dup	09/05/13
BI30175-MS1	Matrix Spike	09/05/13



Batch ID: BI30192 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/05/13
13I0103-02	MW-2	09/05/13
13I0103-03	MW-3	09/05/13
13I0103-04	FB-1 (field blank)	09/05/13
BI30192-BLK1	Blank	09/05/13
BI30192-SRM1	Reference	09/05/13
BI30192-SRM2	Reference	09/05/13

Batch ID: BI30193 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/05/13
13I0103-02	MW-2	09/05/13
13I0103-03	MW-3	09/05/13
13I0103-04	FB-1 (field blank)	09/05/13
BI30193-BLK1	Blank	09/05/13
BI30193-SRM1	Reference	09/05/13
BI30193-SRM2	Reference	09/05/13

Batch ID: BI30235 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/06/13
13I0103-02	MW-2	09/06/13
13I0103-03	MW-3	09/06/13
13I0103-04	FB-1 (field blank)	09/06/13
BI30235-BLK1	Blank	09/06/13
BI30235-BS1	LCS	09/06/13
BI30235-BS2	LCS	09/06/13

Batch ID: BI30237 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/06/13
13I0103-02	MW-2	09/06/13
13I0103-03	MW-3	09/06/13
13I0103-04	FB-1 (field blank)	09/06/13
BI30237-BLK1	Blank	09/06/13
BI30237-BS1	LCS	09/06/13

Batch ID: BI30284 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13I0103-01	MW-1	09/06/13



13I0103-02	MW-2	09/06/13
13I0103-03	MW-3	09/06/13
13I0103-04	FB-1 (field blank)	09/06/13



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30175 - EPA 5030B

Blank (BI30175-BLK1)

Prepared & Analyzed: 09/05/2013

1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,1-Dichloropropylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,3-Dichloropropane	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
2,2-Dichloropropane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Chlorotoluene	ND	5.0	"
4-Chlorotoluene	ND	5.0	"
Acetone	ND	5.0	"
Benzene	ND	5.0	"
Bromobenzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	5.0	"
Naphthalene	ND	5.0	"
n-Butylbenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30175 - EPA 5030B

Blank (BI30175-BLK1)

Prepared & Analyzed: 09/05/2013

p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	48.6		"	50.0		97.1	78-122				
Surrogate: p-Bromofluorobenzene	48.4		"	50.0		96.8	87-112				
Surrogate: Toluene-d8	50.7		"	50.0		101	91-110				

LCS (BI30175-BS1)

Prepared & Analyzed: 09/05/2013

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	90-116				
1,1,1-Trichloroethane	50		"	50.0		99.2	83-125				
1,1,2,2-Tetrachloroethane	50		"	50.0		100	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	66-141				
1,1,2-Trichloroethane	49		"	50.0		98.1	83-116				
1,1-Dichloroethane	57		"	50.0		114	82-121				
1,1-Dichloroethylene	50		"	50.0		99.7	59-135				
1,1-Dichloropropylene	46		"	50.0		91.4	81-112				
1,2,3-Trichlorobenzene	48		"	50.0		96.5	74-132				
1,2,3-Trichloropropane	51		"	50.0		102	83-118				
1,2,4-Trichlorobenzene	47		"	50.0		94.6	72-133				
1,2,4-Trimethylbenzene	48		"	50.0		96.4	82-119				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	69-134				
1,2-Dibromoethane	48		"	50.0		95.2	85-118				
1,2-Dichlorobenzene	49		"	50.0		97.5	87-116				
1,2-Dichloroethane	51		"	50.0		102	79-125				
1,2-Dichloropropane	50		"	50.0		99.3	82-119				
1,3,5-Trimethylbenzene	50		"	50.0		99.4	84-120				
1,3-Dichlorobenzene	49		"	50.0		97.0	85-116				
1,3-Dichloropropane	51		"	50.0		101	86-114				
1,4-Dichlorobenzene	50		"	50.0		99.6	84-116				
2,2-Dichloropropane	50		"	50.0		100	56-138				
2-Butanone	45		"	50.0		90.3	59-127				
2-Chlorotoluene	50		"	50.0		99.8	82-117				
4-Chlorotoluene	47		"	50.0		94.7	84-118				
Acetone	33		"	50.0		65.7	30-112				
Benzene	47		"	50.0		94.8	88-113				
Bromobenzene	50		"	50.0		100	85-117				
Bromochloromethane	49		"	50.0		98.9	80-120				
Bromodichloromethane	52		"	50.0		104	87-122				
Bromoform	52		"	50.0		104	83-127				
Bromomethane	38		"	50.0		75.3	36-135				
Carbon tetrachloride	49		"	50.0		97.2	82-128				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BI30175 - EPA 5030B

LCS (BI30175-BS1)

Prepared & Analyzed: 09/05/2013

Chlorobenzene	49		ug/L	50.0		98.6	90-111						
Chloroethane	47		"	50.0		94.7	60-132						
Chloroform	50		"	50.0		99.2	89-116						
Chloromethane	39		"	50.0		77.8	39-131						
cis-1,2-Dichloroethylene	49		"	50.0		97.6	90-112						
cis-1,3-Dichloropropylene	55		"	50.0		110	89-124						
Dibromochloromethane	51		"	50.0		103	82-132						
Dibromomethane	51		"	50.0		103	83-124						
Dichlorodifluoromethane	31		"	50.0		61.5	10-143						
Ethyl Benzene	50		"	50.0		101	91-117						
Hexachlorobutadiene	48		"	50.0		96.6	83-129						
Isopropylbenzene	49		"	50.0		99.0	82-122						
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	59-135						
Methylene chloride	48		"	50.0		95.8	51-136						
Naphthalene	49		"	50.0		98.8	61-147						
n-Butylbenzene	48		"	50.0		96.4	79-122						
n-Propylbenzene	49		"	50.0		97.7	80-123						
o-Xylene	49		"	50.0		98.2	91-110						
p- & m- Xylenes	100		"	100		99.9	86-118						
p-Isopropyltoluene	51		"	50.0		101	83-125						
sec-Butylbenzene	50		"	50.0		101	82-127						
Styrene	49		"	50.0		98.3	88-121						
tert-Butylbenzene	51		"	50.0		102	70-130						
Tetrachloroethylene	46		"	50.0		92.9	67-138						
Toluene	50		"	50.0		99.4	88-113						
trans-1,2-Dichloroethylene	58		"	50.0		115	73-123						
trans-1,3-Dichloropropylene	54		"	50.0		108	85-123						
Trichloroethylene	51		"	50.0		101	83-120						
Trichlorofluoromethane	51		"	50.0		102	62-138						
Vinyl Chloride	41		"	50.0		82.0	49-127						
Vinyl acetate	15		"	50.0		30.7	21-90						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.8</i>		<i>"</i>	<i>50.0</i>		<i>99.7</i>	<i>78-122</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.1</i>		<i>"</i>	<i>50.0</i>		<i>98.2</i>	<i>87-112</i>						
<i>Surrogate: Toluene-d8</i>	<i>50.6</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>91-110</i>						



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level

Batch BI30175 - EPA 5030B

LCS Dup (BI30175-bsd1)

Prepared & Analyzed: 09/05/2013

1,1,1,2-Tetrachloroethane	50		ug/L	50.0	100	90-116		2.13	30
1,1,1-Trichloroethane	50		"	50.0	100	83-125		1.24	30
1,1,2,2-Tetrachloroethane	53		"	50.0	105	84-122		4.59	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0	108	66-141		2.39	30
1,1,2-Trichloroethane	49		"	50.0	97.7	83-116		0.368	30
1,1-Dichloroethane	49		"	50.0	97.0	82-121		15.6	30
1,1-Dichloroethylene	49		"	50.0	98.2	59-135		1.50	30
1,1-Dichloropropylene	47		"	50.0	94.8	81-112		3.72	30
1,2,3-Trichlorobenzene	46		"	50.0	91.9	74-132		4.88	30
1,2,3-Trichloropropane	54		"	50.0	108	83-118		5.63	30
1,2,4-Trichlorobenzene	43		"	50.0	85.8	72-133		9.73	30
1,2,4-Trimethylbenzene	47		"	50.0	93.3	82-119		3.25	30
1,2-Dibromo-3-chloropropane	54		"	50.0	107	69-134		0.892	30
1,2-Dibromoethane	50		"	50.0	99.2	85-118		4.05	30
1,2-Dichlorobenzene	47		"	50.0	93.1	87-116		4.58	30
1,2-Dichloroethane	53		"	50.0	106	79-125		3.63	30
1,2-Dichloropropane	50		"	50.0	99.3	82-119		0.0403	30
1,3,5-Trimethylbenzene	47		"	50.0	94.4	84-120		5.14	30
1,3-Dichlorobenzene	47		"	50.0	93.6	85-116		3.57	30
1,3-Dichloropropane	49		"	50.0	97.9	86-114		3.30	30
1,4-Dichlorobenzene	47		"	50.0	93.5	84-116		6.24	30
2,2-Dichloropropane	50		"	50.0	100	56-138		0.399	30
2-Butanone	49		"	50.0	98.0	59-127		8.14	30
2-Chlorotoluene	47		"	50.0	94.1	82-117		5.84	30
4-Chlorotoluene	46		"	50.0	91.5	84-118		3.50	30
Acetone	40		"	50.0	79.3	30-112		18.8	30
Benzene	49		"	50.0	98.2	88-113		3.55	30
Bromobenzene	50		"	50.0	101	85-117		0.159	30
Bromochloromethane	52		"	50.0	104	80-120		5.18	30
Bromodichloromethane	51		"	50.0	102	87-122		1.28	30
Bromoform	52		"	50.0	105	83-127		0.884	30
Bromomethane	39		"	50.0	77.5	36-135		2.88	30
Carbon tetrachloride	48		"	50.0	97.0	82-128		0.165	30
Chlorobenzene	49		"	50.0	97.6	90-111		1.02	30
Chloroethane	45		"	50.0	89.2	60-132		6.03	30
Chloroform	49		"	50.0	98.4	89-116		0.850	30
Chloromethane	41		"	50.0	82.0	39-131		5.18	30
cis-1,2-Dichloroethylene	49		"	50.0	97.7	90-112		0.0615	30
cis-1,3-Dichloropropylene	53		"	50.0	106	89-124		3.53	30
Dibromochloromethane	51		"	50.0	102	82-132		0.332	30
Dibromomethane	49		"	50.0	98.2	83-124		4.65	30
Dichlorodifluoromethane	29		"	50.0	58.5	10-143		4.90	30
Ethyl Benzene	49		"	50.0	98.6	91-117		2.19	30
Hexachlorobutadiene	46		"	50.0	91.4	83-129		5.49	30
Isopropylbenzene	47		"	50.0	94.4	82-122		4.76	30
Methyl tert-butyl ether (MTBE)	53		"	50.0	107	59-135		8.17	30
Methylene chloride	50		"	50.0	99.5	51-136		3.73	30
Naphthalene	49		"	50.0	98.5	61-147		0.264	30
n-Butylbenzene	45		"	50.0	90.4	79-122		6.42	30
n-Propylbenzene	47		"	50.0	94.6	80-123		3.22	30
o-Xylene	48		"	50.0	95.6	91-110		2.73	30



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30175 - EPA 5030B

LCS Dup (BI30175-BSD1)

Prepared & Analyzed: 09/05/2013

p- & m- Xylenes	98		ug/L	100		98.0	86-118		1.87	30	
p-Isopropyltoluene	48		"	50.0		95.5	83-125		5.96	30	
sec-Butylbenzene	49		"	50.0		97.8	82-127		3.20	30	
Styrene	49		"	50.0		97.2	88-121		1.17	30	
tert-Butylbenzene	50		"	50.0		99.6	70-130		2.12	30	
Tetrachloroethylene	46		"	50.0		91.0	67-138		2.02	30	
Toluene	48		"	50.0		96.2	88-113		3.25	30	
trans-1,2-Dichloroethylene	50		"	50.0		101	73-123		13.5	30	
trans-1,3-Dichloropropylene	52		"	50.0		105	85-123		3.07	30	
Trichloroethylene	48		"	50.0		96.6	83-120		4.91	30	
Trichlorofluoromethane	51		"	50.0		103	62-138		0.489	30	
Vinyl Chloride	40		"	50.0		80.4	49-127		2.00	30	
Vinyl acetate	14		"	50.0		28.3	21-90		8.14	30	
Surrogate: 1,2-Dichloroethane-d4	51.5		"	50.0		103	78-122				
Surrogate: p-Bromofluorobenzene	48.9		"	50.0		97.7	87-112				
Surrogate: Toluene-d8	49.6		"	50.0		99.2	91-110				

Matrix Spike (BI30175-MS1)

*Source sample: 1310103-01 (MW-1)

Prepared & Analyzed: 09/05/2013

1,1,1,2-Tetrachloroethane	53		ug/L	50.0	ND	106	92-113				
1,1,1-Trichloroethane	51		"	50.0	ND	102	80-129				
1,1,2,2-Tetrachloroethane	57		"	50.0	ND	114	81-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58		"	50.0	ND	115	65-141				
1,1,2-Trichloroethane	52		"	50.0	ND	105	85-114				
1,1-Dichloroethane	51		"	50.0	0.97	101	76-129				
1,1-Dichloroethylene	50		"	50.0	ND	99.7	56-138				
1,1-Dichloropropylene	47		"	50.0	ND	94.4	78-115				
1,2,3-Trichlorobenzene	51		"	50.0	ND	102	60-134				
1,2,3-Trichloropropane	56		"	50.0	ND	112	84-115				
1,2,4-Trichlorobenzene	48		"	50.0	ND	95.5	54-134				
1,2,4-Trimethylbenzene	49		"	50.0	1.4	96.1	75-120				
1,2-Dibromo-3-chloropropane	55		"	50.0	ND	110	72-125				
1,2-Dibromoethane	53		"	50.0	ND	106	89-114				
1,2-Dichlorobenzene	49		"	50.0	ND	98.6	80-117				
1,2-Dichloroethane	53		"	50.0	ND	107	76-132				
1,2-Dichloropropane	51		"	50.0	ND	102	84-120				
1,3,5-Trimethylbenzene	51		"	50.0	ND	102	66-130				
1,3-Dichlorobenzene	48		"	50.0	ND	96.3	72-121				
1,3-Dichloropropane	53		"	50.0	ND	106	86-114				
1,4-Dichlorobenzene	49		"	50.0	ND	97.5	71-120				
2,2-Dichloropropane	50		"	50.0	ND	99.6	40-138				
2-Butanone	61		"	50.0	12	98.7	41-143				
2-Chlorotoluene	49		"	50.0	ND	98.8	76-118				
4-Chlorotoluene	48		"	50.0	ND	95.1	73-123				
Acetone	96		"	50.0	57	78.0	15-115				
Benzene	50		"	50.0	ND	99.1	84-119				
Bromobenzene	51		"	50.0	ND	103	80-117				
Bromochloromethane	53		"	50.0	ND	105	84-120				
Bromodichloromethane	54		"	50.0	ND	108	86-124				
Bromoform	54		"	50.0	ND	108	79-124				
Bromomethane	40		"	50.0	ND	79.7	25-132				
Carbon tetrachloride	50		"	50.0	ND	100	79-131				
Chlorobenzene	51		"	50.0	ND	102	88-112				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BI30175 - EPA 5030B

Matrix Spike (BI30175-MS1)

*Source sample: 1310103-01 (MW-1)

Prepared & Analyzed: 09/05/2013

Chloroethane	49		ug/L	50.0	2.8	93.2	66-128				
Chloroform	50		"	50.0	ND	99.7	84-123				
Chloromethane	37		"	50.0	ND	74.7	46-117				
cis-1,2-Dichloroethylene	50		"	50.0	ND	100	85-119				
cis-1,3-Dichloropropylene	55		"	50.0	ND	109	83-123				
Dibromochloromethane	53		"	50.0	ND	107	91-121				
Dibromomethane	52		"	50.0	ND	105	86-124				
Dichlorodifluoromethane	28		"	50.0	ND	56.0	10-139				
Ethyl Benzene	51		"	50.0	ND	103	89-117				
Hexachlorobutadiene	51		"	50.0	ND	102	71-134				
Isopropylbenzene	58		"	50.0	7.8	101	76-122				
Methyl tert-butyl ether (MTBE)	51		"	50.0	ND	102	52-138				
Methylene chloride	47		"	50.0	ND	93.3	44-141				
Naphthalene	57		"	50.0	1.0	112	47-149				
n-Butylbenzene	51		"	50.0	ND	102	70-122				
n-Propylbenzene	56		"	50.0	5.3	102	71-123				
o-Xylene	50		"	50.0	ND	101	88-111				
p- & m- Xylenes	100		"	100	0.87	103	83-118				
p-Isopropyltoluene	51		"	50.0	12	78.1	72-128				
sec-Butylbenzene	68		"	50.0	17	101	75-128				
Styrene	51		"	50.0	ND	102	83-121				
tert-Butylbenzene	57		"	50.0	3.8	106	77-130				
Tetrachloroethylene	45		"	50.0	ND	89.9	69-113				
Toluene	52		"	50.0	ND	103	84-116				
trans-1,2-Dichloroethylene	49		"	50.0	ND	99.0	73-125				
trans-1,3-Dichloropropylene	56		"	50.0	ND	111	76-121				
Trichloroethylene	51		"	50.0	ND	102	81-122				
Trichlorofluoromethane	52		"	50.0	ND	104	63-137				
Vinyl Chloride	40		"	50.0	ND	80.1	54-119				
Vinyl acetate	14		"	50.0	ND	28.3	10-87				
Surrogate: 1,2-Dichloroethane-d4	53.9		"	50.0		108	78-122				
Surrogate: p-Bromofluorobenzene	49.3		"	50.0		98.5	87-112				
Surrogate: Toluene-d8	51.2		"	50.0		102	91-110				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30120 - EPA 3510C

Blank (BI30120-BLK1)

Prepared: 09/04/2013 Analyzed: 09/06/2013

Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	10.0	"								
2,4-Dinitrophenol	ND	10.0	"								
2,6-Dinitrotoluene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30120 - EPA 3510C

Blank (BI30120-BLK1)

Prepared: 09/04/2013 Analyzed: 09/06/2013

3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Phenanthrene	ND	5.00	"								
Phenol	ND	5.00	"								
Pyrene	ND	5.00	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
<i>Surrogate: 2,4,6-Tribromophenol</i>	56.8		"	78.4		72.5	17-127				
<i>Surrogate: 2-Fluorobiphenyl</i>	26.7		"	50.0		53.5	14-101				
<i>Surrogate: 2-Fluorophenol</i>	19.7		"	74.6		26.4	10-52				
<i>Surrogate: Nitrobenzene-d5</i>	32.0		"	50.8		63.1	12-112				
<i>Surrogate: Phenol-d5</i>	14.0		"	75.3		18.6	10-117				
<i>Surrogate: Terphenyl-d14</i>	29.4		"	51.0		57.7	10-151				

LCS (BI30120-BS1)

Prepared: 09/04/2013 Analyzed: 09/06/2013

Acenaphthene	31.7	5.00	ug/L	50.0		63.4	31-101				
Acenaphthylene	31.1	5.00	"	50.0		62.1	29-98				
Aniline	21.5	5.00	"	50.0		43.0	10-132				
Anthracene	31.1	5.00	"	50.0		62.3	24-108				
Benzo(a)anthracene	36.7	5.00	"	50.0		73.4	28-117				
Benzo(a)pyrene	36.4	5.00	"	50.0		72.9	24-131				
Benzo(b)fluoranthene	32.9	5.00	"	50.0		65.7	11-145				
Benzyl alcohol	19.0	5.00	"	50.0		38.0	11-82				
Benzo(g,h,i)perylene	27.4	5.00	"	50.0		54.7	10-110				
Benzo(k)fluoranthene	32.1	5.00	"	50.0		64.2	10-161				
Benzyl butyl phthalate	32.5	5.00	"	50.0		65.0	14-134				
4-Bromophenyl phenyl ether	30.7	5.00	"	50.0		61.4	28-109				
4-Chloro-3-methylphenol	27.9	5.00	"	50.0		55.9	23-100				
4-Chloroaniline	32.0	5.00	"	50.0		64.0	17-168				
Bis(2-chloroethoxy)methane	30.3	5.00	"	50.0		60.5	23-106				
Bis(2-chloroethyl)ether	26.5	5.00	"	50.0		53.0	14-116				
Bis(2-chloroisopropyl)ether	29.7	5.00	"	50.0		59.4	10-155				
Bis(2-ethylhexyl)phthalate	35.0	5.00	"	50.0		70.1	10-171				
2-Chloronaphthalene	31.2	5.00	"	50.0		62.3	32-94				
2-Chlorophenol	24.7	5.00	"	50.0		49.4	16-99				
4-Chlorophenyl phenyl ether	32.3	5.00	"	50.0		64.6	26-113				
Chrysene	35.3	5.00	"	50.0		70.6	26-112				
Dibenzo(a,h)anthracene	26.9	5.00	"	50.0		53.9	12-104				
Dibenzofuran	32.8	5.00	"	50.0		65.5	36-96				
Di-n-butyl phthalate	30.7	5.00	"	50.0		61.3	20-119				
1,3-Dichlorobenzene	24.3	5.00	"	50.0		48.5	19-94				
1,2-Dichlorobenzene	25.4	5.00	"	50.0		50.7	22-97				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30120 - EPA 3510C

LCS (BI30120-BS1)

Prepared: 09/04/2013 Analyzed: 09/06/2013

1,4-Dichlorobenzene	27.3	5.00	ug/L	50.0		54.5	20-100				
3,3'-Dichlorobenzidine	42.7	5.00	"	50.0		85.3	25-154				
2,4-Dichlorophenol	29.9	5.00	"	50.0		59.8	28-97				
Diethyl phthalate	32.5	5.00	"	50.0		65.0	34-104				
2,4-Dimethylphenol	25.1	5.00	"	50.0		50.2	23-94				
Dimethyl phthalate	32.7	5.00	"	50.0		65.4	33-104				
4,6-Dinitro-2-methylphenol	19.8	10.0	"	50.0		39.6	10-133				
2,4-Dinitrophenol	22.6	10.0	"	50.0		45.1	10-145				
2,6-Dinitrotoluene	34.8	5.00	"	50.0		69.7	34-105				
2,4-Dinitrotoluene	36.9	5.00	"	50.0		73.9	32-104				
Di-n-octyl phthalate	32.8	5.00	"	50.0		65.5	10-144				
Fluoranthene	35.0	5.00	"	50.0		70.1	27-110				
Fluorene	32.7	5.00	"	50.0		65.4	32-107				
Hexachlorobenzene	30.5	5.00	"	50.0		61.1	16-127				
Hexachlorobutadiene	25.8	5.00	"	50.0		51.6	22-95				
Hexachlorocyclopentadiene	16.7	5.00	"	50.0		33.4	10-101				
Hexachloroethane	23.7	5.00	"	50.0		47.4	10-99				
Indeno(1,2,3-cd)pyrene	27.4	5.00	"	50.0		54.8	10-107				
Isophorone	27.4	5.00	"	50.0		54.8	19-119				
2-Methylnaphthalene	28.6	5.00	"	50.0		57.2	27-97				
3- & 4-Methylphenols	19.9	5.00	"	50.0		39.8	10-71				
2-Methylphenol	19.9	5.00	"	50.0		39.8	10-88				
Naphthalene	27.4	5.00	"	50.0		54.8	27-95				
4-Nitroaniline	50.6	5.00	"	50.0		101	10-139				
3-Nitroaniline	34.1	5.00	"	50.0		68.2	10-221				
2-Nitroaniline	33.6	5.00	"	50.0		67.2	33-106				
Nitrobenzene	27.6	5.00	"	50.0		55.3	16-114				
2-Nitrophenol	28.4	5.00	"	50.0		56.8	24-101				
4-Nitrophenol	11.8	5.00	"	50.0		23.5	10-55				
N-nitroso-di-n-propylamine	30.6	5.00	"	50.0		61.2	14-133				
N-Nitrosodimethylamine	12.6	5.00	"	50.0		25.2	10-77				
N-Nitrosodiphenylamine	35.6	5.00	"	50.0		71.1	39-123				
Pentachlorophenol	29.4	5.00	"	50.0		58.9	15-150				
Phenanthrene	30.8	5.00	"	50.0		61.5	26-109				
Phenol	9.47	5.00	"	50.0		18.9	10-57				
Pyrene	33.1	5.00	"	50.0		66.2	23-126				
Pyridine	8.36	5.00	"	50.0		16.7	10-69				
1,2,4-Trichlorobenzene	26.1	5.00	"	50.0		52.2	25-91				
2,4,6-Trichlorophenol	32.1	5.00	"	50.0		64.2	34-100				
2,4,5-Trichlorophenol	30.4	5.00	"	50.0		60.7	30-102				
Surrogate: 2,4,6-Tribromophenol	59.5		"	78.4		75.9	17-127				
Surrogate: 2-Fluorobiphenyl	31.8		"	50.0		63.5	14-101				
Surrogate: 2-Fluorophenol	23.3		"	74.6		31.2	10-52				
Surrogate: Nitrobenzene-d5	34.8		"	50.8		68.5	12-112				
Surrogate: Phenol-d5	16.4		"	75.3		21.8	10-117				
Surrogate: Terphenyl-d14	39.2		"	51.0		76.9	10-151				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30120 - EPA 3510C											
LCS Dup (BI30120-BSD1)											
										Prepared: 09/04/2013 Analyzed: 09/06/2013	
Acenaphthene	29.5	5.00	ug/L	50.0		59.0	31-101		7.22	20	
Acenaphthylene	30.3	5.00	"	50.0		60.6	29-98		2.54	20	
Aniline	21.7	5.00	"	50.0		43.4	10-132		0.926	20	
Anthracene	31.6	5.00	"	50.0		63.3	24-108		1.59	20	
Benzo(a)anthracene	37.2	5.00	"	50.0		74.3	28-117		1.22	20	
Benzo(a)pyrene	36.2	5.00	"	50.0		72.4	24-131		0.716	20	
Benzo(b)fluoranthene	34.5	5.00	"	50.0		69.0	11-145		4.81	20	
Benzyl alcohol	18.2	5.00	"	50.0		36.3	11-82		4.68	20	
Benzo(g,h,i)perylene	30.2	5.00	"	50.0		60.5	10-110		10.0	20	
Benzo(k)fluoranthene	40.1	5.00	"	50.0		80.2	10-161		22.2	20	Non-dir.
Benzyl butyl phthalate	32.4	5.00	"	50.0		64.7	14-134		0.401	20	
4-Bromophenyl phenyl ether	30.5	5.00	"	50.0		61.0	28-109		0.621	20	
4-Chloro-3-methylphenol	27.7	5.00	"	50.0		55.5	23-100		0.719	20	
4-Chloroaniline	31.5	5.00	"	50.0		63.0	17-168		1.57	20	
Bis(2-chloroethoxy)methane	28.2	5.00	"	50.0		56.5	23-106		6.87	20	
Bis(2-chloroethyl)ether	24.6	5.00	"	50.0		49.3	14-116		7.31	20	
Bis(2-chloroisopropyl)ether	28.4	5.00	"	50.0		56.8	10-155		4.54	20	
Bis(2-ethylhexyl)phthalate	35.7	5.00	"	50.0		71.4	10-171		1.87	20	
2-Chloronaphthalene	29.3	5.00	"	50.0		58.5	32-94		6.32	20	
2-Chlorophenol	23.2	5.00	"	50.0		46.5	16-99		6.01	20	
4-Chlorophenyl phenyl ether	30.3	5.00	"	50.0		60.6	26-113		6.39	20	
Chrysene	36.4	5.00	"	50.0		72.8	26-112		3.10	20	
Dibenzo(a,h)anthracene	28.7	5.00	"	50.0		57.4	12-104		6.36	20	
Dibenzofuran	31.6	5.00	"	50.0		63.2	36-96		3.64	20	
Di-n-butyl phthalate	30.0	5.00	"	50.0		59.9	20-119		2.28	20	
1,3-Dichlorobenzene	23.8	5.00	"	50.0		47.5	19-94		2.12	20	
1,2-Dichlorobenzene	24.3	5.00	"	50.0		48.6	22-97		4.31	20	
1,4-Dichlorobenzene	26.9	5.00	"	50.0		53.7	20-100		1.51	20	
3,3'-Dichlorobenzidine	44.0	5.00	"	50.0		88.1	25-154		3.18	20	
2,4-Dichlorophenol	28.4	5.00	"	50.0		56.8	28-97		5.08	20	
Diethyl phthalate	32.1	5.00	"	50.0		64.2	34-104		1.33	20	
2,4-Dimethylphenol	22.5	5.00	"	50.0		45.1	23-94		10.8	20	
Dimethyl phthalate	32.4	5.00	"	50.0		64.8	33-104		0.891	20	
4,6-Dinitro-2-methylphenol	21.2	10.0	"	50.0		42.3	10-133		6.49	20	
2,4-Dinitrophenol	23.3	10.0	"	50.0		46.6	10-145		3.18	20	
2,6-Dinitrotoluene	32.8	5.00	"	50.0		65.5	34-105		6.12	20	
2,4-Dinitrotoluene	34.2	5.00	"	50.0		68.4	32-104		7.71	20	
Di-n-octyl phthalate	29.7	5.00	"	50.0		59.4	10-144		9.73	20	
Fluoranthene	31.1	5.00	"	50.0		62.3	27-110		11.8	20	
Fluorene	30.9	5.00	"	50.0		61.8	32-107		5.53	20	
Hexachlorobenzene	29.9	5.00	"	50.0		59.9	16-127		1.98	20	
Hexachlorobutadiene	25.4	5.00	"	50.0		50.8	22-95		1.68	20	
Hexachlorocyclopentadiene	16.3	5.00	"	50.0		32.6	10-101		2.36	20	
Hexachloroethane	23.6	5.00	"	50.0		47.2	10-99		0.465	20	
Indeno(1,2,3-cd)pyrene	30.3	5.00	"	50.0		60.6	10-107		9.98	20	
Isophorone	28.3	5.00	"	50.0		56.5	19-119		3.13	20	
2-Methylnaphthalene	27.9	5.00	"	50.0		55.8	27-97		2.58	20	
3- & 4-Methylphenols	18.3	5.00	"	50.0		36.7	10-71		8.06	20	
2-Methylphenol	18.3	5.00	"	50.0		36.7	10-88		8.06	20	
Naphthalene	26.6	5.00	"	50.0		53.2	27-95		3.11	20	
4-Nitroaniline	46.8	5.00	"	50.0		93.7	10-139		7.78	20	



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30120 - EPA 3510C

LCS Dup (BI30120-BSD1)

Prepared: 09/04/2013 Analyzed: 09/06/2013

3-Nitroaniline	34.1	5.00	ug/L	50.0		68.1	10-221		0.0587	20	
2-Nitroaniline	32.2	5.00	"	50.0		64.4	33-106		4.38	20	
Nitrobenzene	27.8	5.00	"	50.0		55.5	16-114		0.433	20	
2-Nitrophenol	27.8	5.00	"	50.0		55.7	24-101		1.99	20	
4-Nitrophenol	10.4	5.00	"	50.0		20.8	10-55		12.1	20	
N-nitroso-di-n-propylamine	29.6	5.00	"	50.0		59.3	14-133		3.16	20	
N-Nitrosodimethylamine	10.9	5.00	"	50.0		21.9	10-77		14.3	20	
N-Nitrosodiphenylamine	34.8	5.00	"	50.0		69.7	39-123		1.99	20	
Pentachlorophenol	28.2	5.00	"	50.0		56.4	15-150		4.37	20	
Phenanthrene	30.4	5.00	"	50.0		60.9	26-109		1.05	20	
Phenol	8.74	5.00	"	50.0		17.5	10-57		8.02	20	
Pyrene	34.1	5.00	"	50.0		68.1	23-126		2.80	20	
Pyridine	8.65	5.00	"	50.0		17.3	10-69		3.41	20	
1,2,4-Trichlorobenzene	26.3	5.00	"	50.0		52.5	25-91		0.611	20	
2,4,6-Trichlorophenol	31.4	5.00	"	50.0		62.8	34-100		2.17	20	
2,4,5-Trichlorophenol	29.2	5.00	"	50.0		58.4	30-102		3.93	20	
<i>Surrogate: 2,4,6-Tribromophenol</i>	58.8		"	78.4		74.9	17-127				
<i>Surrogate: 2-Fluorobiphenyl</i>	29.2		"	50.0		58.4	14-101				
<i>Surrogate: 2-Fluorophenol</i>	21.6		"	74.6		28.9	10-52				
<i>Surrogate: Nitrobenzene-d5</i>	32.8		"	50.8		64.5	12-112				
<i>Surrogate: Phenol-d5</i>	14.3		"	75.3		19.0	10-117				
<i>Surrogate: Terphenyl-d14</i>	38.3		"	51.0		75.1	10-151				



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			

Batch BI30118 - EPA SW846-3510C Low Level

Blank (BI30118-BLK1)

Prepared: 09/04/2013 Analyzed: 09/05/2013

Toxaphene	ND	0.0500	ug/L									
Methoxychlor	ND	0.00500	"									
Heptachlor epoxide	ND	0.00100	"									
Heptachlor	ND	0.00100	"									
gamma-BHC (Lindane)	ND	0.00100	"									
Endrin ketone	ND	0.00100	"									
Endrin aldehyde	ND	0.00100	"									
Endrin	ND	0.00100	"									
Endosulfan sulfate	ND	0.00100	"									
Endosulfan II	ND	0.00100	"									
Endosulfan I	ND	0.00100	"									
Dieldrin	ND	0.00100	"									
delta-BHC	ND	0.00100	"									
Chlordane, total	ND	0.00400	"									
beta-BHC	ND	0.00100	"									
alpha-BHC	ND	0.00100	"									
Aldrin	ND	0.00100	"									
4,4'-DDT	ND	0.00100	"									
4,4'-DDE	ND	0.00100	"									
4,4'-DDD	ND	0.00100	"									
Aroclor 1260	ND	0.0500	"									
Aroclor 1254	ND	0.0500	"									
Aroclor 1248	ND	0.0500	"									
Aroclor 1242	ND	0.0500	"									
Aroclor 1232	ND	0.0500	"									
Aroclor 1221	ND	0.0500	"									
Aroclor 1016	ND	0.0500	"									
Total PCBs	ND	0.0500	"									
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0813</i>		<i>"</i>	<i>0.200</i>		<i>40.6</i>	<i>30-120</i>					
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.127</i>		<i>"</i>	<i>0.201</i>		<i>63.4</i>	<i>30-120</i>					



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30118 - EPA SW846-3510C Low Level

LCS (BI30118-BS1)

Prepared: 09/04/2013 Analyzed: 09/05/2013

Methoxychlor	0.0595	0.00500	ug/L	0.100		59.5	40-120				
Heptachlor epoxide	0.0425	0.00100	"	0.100		42.5	40-120				
Heptachlor	0.0411	0.00100	"	0.100		41.1	40-120				
gamma-BHC (Lindane)	0.0398	0.00100	"	0.100		39.8	40-120	Low Bias			
Endrin ketone	0.0589	0.00100	"	0.100		58.9	40-120				
Endrin aldehyde	0.0542	0.00100	"	0.100		54.2	40-120				
Endrin	0.0525	0.00100	"	0.100		52.5	40-120				
Endosulfan sulfate	0.0471	0.00100	"	0.100		47.1	40-120				
Endosulfan II	0.0427	0.00100	"	0.100		42.7	40-120				
Endosulfan I	0.0467	0.00100	"	0.100		46.7	40-120				
Dieldrin	0.0450	0.00100	"	0.100		45.0	40-120				
delta-BHC	0.0418	0.00100	"	0.100		41.8	40-120				
beta-BHC	0.0418	0.00100	"	0.100		41.8	40-120				
alpha-BHC	0.0379	0.00100	"	0.100		37.9	40-120	Low Bias			
Aldrin	0.0392	0.00100	"	0.100		39.2	40-120	Low Bias			
4,4'-DDT	0.0550	0.00100	"	0.100		55.0	40-120				
4,4'-DDE	0.0431	0.00100	"	0.100		43.1	40-120				
4,4'-DDD	0.0517	0.00100	"	0.100		51.7	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0730</i>		<i>"</i>	<i>0.200</i>		<i>36.5</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.104</i>		<i>"</i>	<i>0.201</i>		<i>51.9</i>	<i>30-120</i>				

LCS (BI30118-BS2)

Prepared: 09/04/2013 Analyzed: 09/06/2013

Aroclor 1260	0.715	0.0500	ug/L	1.00		71.5	40-120				
Aroclor 1016	0.669	0.0500	"	1.00		66.9	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.110</i>		<i>"</i>	<i>0.200</i>		<i>55.0</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.107</i>		<i>"</i>	<i>0.201</i>		<i>53.2</i>	<i>30-120</i>				

LCS Dup (BI30118-BSD1)

Prepared: 09/04/2013 Analyzed: 09/05/2013

Methoxychlor	0.0573	0.00500	ug/L	0.100		57.3	40-120	3.61	30		
Heptachlor epoxide	0.0453	0.00100	"	0.100		45.3	40-120	6.36	30		
Heptachlor	0.0456	0.00100	"	0.100		45.6	40-120	10.4	30		
gamma-BHC (Lindane)	0.0420	0.00100	"	0.100		42.0	40-120	5.34	30		
Endrin ketone	0.0522	0.00100	"	0.100		52.2	40-120	12.1	30		
Endrin aldehyde	0.0552	0.00100	"	0.100		55.2	40-120	1.74	30		
Endrin	0.0555	0.00100	"	0.100		55.5	40-120	5.64	30		
Endosulfan sulfate	0.0533	0.00100	"	0.100		53.3	40-120	12.4	30		
Endosulfan II	0.0487	0.00100	"	0.100		48.7	40-120	13.2	30		
Endosulfan I	0.0494	0.00100	"	0.100		49.4	40-120	5.63	30		
Dieldrin	0.0491	0.00100	"	0.100		49.1	40-120	8.77	30		
delta-BHC	0.0478	0.00100	"	0.100		47.8	40-120	13.3	30		
beta-BHC	0.0441	0.00100	"	0.100		44.1	40-120	5.37	30		
alpha-BHC	0.0416	0.00100	"	0.100		41.6	40-120	9.51	30		
Aldrin	0.0413	0.00100	"	0.100		41.3	40-120	5.11	30		
4,4'-DDT	0.0562	0.00100	"	0.100		56.2	40-120	2.06	30		
4,4'-DDE	0.0443	0.00100	"	0.100		44.3	40-120	2.75	30		
4,4'-DDD	0.0554	0.00100	"	0.100		55.4	40-120	6.93	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0754</i>		<i>"</i>	<i>0.200</i>		<i>37.7</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.111</i>		<i>"</i>	<i>0.201</i>		<i>55.4</i>	<i>30-120</i>				



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BI30192 - EPA 3010A

Blank (BI30192-BLK1)

Prepared & Analyzed: 09/05/2013

Aluminum - Dissolved	ND	0.010	mg/L
Antimony - Dissolved	ND	0.005	"
Arsenic - Dissolved	ND	0.004	"
Barium - Dissolved	ND	0.010	"
Beryllium - Dissolved	ND	0.001	"
Cadmium - Dissolved	ND	0.003	"
Calcium - Dissolved	ND	0.050	"
Chromium - Dissolved	ND	0.005	"
Cobalt - Dissolved	ND	0.005	"
Copper - Dissolved	ND	0.003	"
Iron - Dissolved	ND	0.020	"
Lead - Dissolved	ND	0.003	"
Magnesium - Dissolved	ND	0.050	"
Manganese - Dissolved	ND	0.005	"
Nickel - Dissolved	ND	0.005	"
Potassium - Dissolved	ND	0.050	"
Selenium - Dissolved	ND	0.010	"
Silver - Dissolved	ND	0.005	"
Sodium - Dissolved	ND	0.100	"
Thallium - Dissolved	ND	0.005	"
Vanadium - Dissolved	ND	0.010	"
Zinc - Dissolved	ND	0.010	"

Reference (BI30192-SRM1)

Prepared & Analyzed: 09/05/2013

Aluminum - Dissolved	0.400	0.010	mg/L	0.366	109	74.9-126
Antimony - Dissolved	0.099	0.005	"	0.102	96.6	59.4-125
Arsenic - Dissolved	0.472	0.004	"	0.482	97.9	83.8-117
Barium - Dissolved	1.99	0.010	"	1.92	103	87-113
Beryllium - Dissolved	0.646	0.001	"	0.667	96.8	85-113
Cadmium - Dissolved	0.289	0.003	"	0.293	98.5	85.3-114
Chromium - Dissolved	0.268	0.005	"	0.276	97.3	86.6-113
Cobalt - Dissolved	0.570	0.005	"	0.562	101	87.9-112
Copper - Dissolved	0.521	0.003	"	0.522	99.8	90-110
Iron - Dissolved	1.34	0.020	"	1.39	96.4	88.4-113
Lead - Dissolved	1.49	0.003	"	1.48	101	87.8-111
Manganese - Dissolved	0.410	0.005	"	0.389	105	89.5-111
Nickel - Dissolved	1.30	0.005	"	1.34	97.0	90.3-112
Selenium - Dissolved	0.517	0.010	"	0.541	95.7	79.1-116
Silver - Dissolved	0.344	0.005	"	0.359	95.8	85.8-114
Thallium - Dissolved	0.596	0.005	"	0.579	103	81-120
Vanadium - Dissolved	0.461	0.010	"	0.484	95.3	87.6-112
Zinc - Dissolved	1.28	0.010	"	1.30	98.2	86.2-115



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI30192 - EPA 3010A

Reference (BI30192-SRM2)

Prepared & Analyzed: 09/05/2013

Calcium - Dissolved	63.2	0.050	mg/L	62.7		101	86-114				
Magnesium - Dissolved	28.6	0.050	"	29.0		98.5	86.2-114				
Potassium - Dissolved	34.4	0.050	"	32.4		106	85.2-115				
Sodium - Dissolved	83.1	0.100	"	85.1		97.6	85-115				

Batch BI30193 - EPA 3010A

Blank (BI30193-BLK1)

Prepared & Analyzed: 09/05/2013

Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BI30193 - EPA 3010A

Reference (BI30193-SRM1)

Prepared & Analyzed: 09/05/2013

Aluminum	0.399	0.010	mg/L	0.366		109	74.9-126
Antimony	0.098	0.005	"	0.102		96.4	59.4-125
Arsenic	0.482	0.004	"	0.482		100	83.8-117
Barium	1.99	0.010	"	1.92		104	87-113
Beryllium	0.660	0.001	"	0.667		98.9	85-113
Cadmium	0.289	0.003	"	0.293		98.5	85.3-114
Chromium	0.268	0.005	"	0.276		97.1	86.6-113
Cobalt	0.574	0.005	"	0.562		102	87.9-112
Copper	0.518	0.003	"	0.522		99.2	90-110
Iron	1.32	0.020	"	1.39		95.3	88.4-113
Lead	1.50	0.003	"	1.48		101	87.8-111
Manganese	0.409	0.005	"	0.389		105	89.5-111
Nickel	1.30	0.005	"	1.34		97.3	90.3-112
Selenium	0.527	0.010	"	0.541		97.4	79.1-116
Silver	0.343	0.005	"	0.359		95.5	85.8-114
Thallium	0.605	0.005	"	0.579		104	81-120
Vanadium	0.459	0.010	"	0.484		94.9	87.6-112
Zinc	1.28	0.010	"	1.30		98.8	86.2-115

Reference (BI30193-SRM2)

Prepared & Analyzed: 09/05/2013

Calcium	63.5	0.050	mg/L	62.7		101	86-114
Magnesium	28.5	0.050	"	29.0		98.3	86.2-114
Potassium	34.5	0.050	"	32.4		106	85.2-115
Sodium	82.5	0.100	"	85.1		96.9	85-115



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30235 - EPA SW846-7470											
Blank (BI30235-BLK1) Prepared & Analyzed: 09/06/2013											
Mercury	ND	0.0002	mg/L								
LCS (BI30235-BS1) Prepared & Analyzed: 09/06/2013											
Mercury	0.002143	0.0002	mg/L	0.00200		107	80-120				
LCS (BI30235-BS2) Prepared & Analyzed: 09/06/2013											
Mercury	0.001970	0.0002	mg/L	0.00200		98.5	80-120				
Batch BI30237 - EPA SW846-7470											
Blank (BI30237-BLK1) Prepared & Analyzed: 09/06/2013											
Mercury - Dissolved	ND	0.0002000	mg/L								
LCS (BI30237-BS1) Prepared & Analyzed: 09/06/2013											
Mercury - Dissolved	0.002318	0.0002000	mg/L	0.00200		116	80-120				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30127 - Analysis Preparation											
Blank (BI30127-BLK1)											
Prepared & Analyzed: 08/30/2013											
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BI30127-BS1)											
Prepared & Analyzed: 08/30/2013											
Chromium, Hexavalent	57.0	1.00	mg/L	50.0		114	80-120				
Duplicate (BI30127-DUP1)											
*Source sample: 13I0103-01 (MW-1) Prepared & Analyzed: 08/30/2013											
Chromium, Hexavalent	ND	0.0100	mg/L		ND						20
Matrix Spike (BI30127-MS1)											
*Source sample: 13I0103-01 (MW-1) Prepared & Analyzed: 08/30/2013											
Chromium, Hexavalent	0.232	0.0100	mg/L	0.500	ND	46.4	75-125	Low Bias			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0103-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0103-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0103-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0103-04	FB-1 (field blank)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0103-05	Trip blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- M-LSRD Original sample conc <50 X reporting limit.
- M-ACCB Analyte in CCB. Run is bracketed by acceptable CCBs.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
- HT-02 NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
- EXT-D The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.

- ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Corrective Action: Client did Not submit any sample containers for FB-2 (field blank) as indicated on COC - 09/04/2013

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13 I 0 1 0 3

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>Hydro Tech Env Corp</u>	<input checked="" type="checkbox"/> SAME	<input checked="" type="checkbox"/> SAME	<input type="checkbox"/>	130222 - 28-46		RUSH-Same Day		Summary Report		X	
Address: <u>15 Ocean Ave, 2nd Fl</u>	Name: <u>Muslima Ward</u>	Company: <u>Hydro Tech Env</u>		Roebling St, Brooklyn, NY		RUSH-Next Day		QA Report		X	
Phone: <u>718-636-0800</u>	Company: <u>Hydro Tech Env</u>	Address: <u>77 Arkay Drive, Suite G</u>		Purchase Order # <u>5757</u>		RUSH-Two Day		CT RCP			
Contact: <u>Sasha Rothenberg</u>	Address: <u>Hauppauge, NY 11788</u>	E-mail: <u>mward@hydrotechenvironmental.com</u>		Samples from CT, NY, x NJ		RUSH-Three Day		CT RCP DQA/DUE Pkg			
E-mail: <u>srothenberg@hydrotechenvironmental.com</u>						RUSH-Four Day		NY ASP A Package			
						Standard (5-7day)		NY ASP B Package			
								NUDEP Reduced Deliv			

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

Matrix Codes
S - soil
Other - specify (oil, ac)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)

Sasha Rothenberg
Name (printed)

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)
MW-1	8/28/2013	GW	EPA 8260, 8270, 8081/8082, TAL metals (filtered and unfiltered), Chromium hexavalent and trivalent
MW-2	"	GW	"
MW-3	"	GW	"
FB-1 (field blank)	"	DI water	"
FB-2 (field blank)	"	DI water	<i>Not collected per client; deleted from ccc</i>
Trip blank	"	DI water	EPA 8260

Comments: ** L. Goldman/York 9/6/13*

4°C _____ Frozen _____ HCl _____ HNO₃ _____ H₂O₂ _____ MeOH _____ Other _____
ZnAc _____ Ascorbic Acid _____

Preservation (check all applicable):
 Field Filtered
 Lab to Filter

Special Instructions:
 Field Filtered
 Lab to Filter

E Designation

Samples Requisitioned By: *[Signature]* Date/Time: 8/30/13
 Samples Received By: *[Signature]* Date/Time: 8/30/13 1630

Samples Requisitioned By: _____ Date/Time: _____
 Samples Received in LAB by: _____ Date/Time: _____

Temperature on Receipt: 3.4 °C

APPENDIX 8

Laboratory Data Deliverables for Soil Vapor Analytical Results



Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 09/04/2013
Client Project ID: 28-46 Roebling St Brooklyn
York Project (SDG) No.: 13I0011

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/04/2013
Client Project ID: 28-46 Roebling St Brooklyn
York Project (SDG) No.: 13I0011

Hydro Tech Environmental (Brooklyn)

15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

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 30, 2013 and listed below. The project was identified as your project: **28-46 Roebling St Brooklyn**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13I0011-01	SV-1/S09	Soil Vapor	08/28/2013	08/30/2013
13I0011-02	SV-2/S16	Soil Vapor	08/28/2013	08/30/2013
13I0011-03	SV-3/S14	Soil Vapor	08/28/2013	08/30/2013
13I0011-04	SV-4/Y49	Soil Vapor	08/28/2013	08/30/2013
13I0011-05	IA-1/Y64	Indoor Ambient Air	08/28/2013	08/30/2013
13I0011-06	OA-1/Y61	Outdoor Ambient Air	08/28/2013	08/30/2013

General Notes for York Project (SDG) No.: 13I0011

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:



Benjamin Gulizia
Laboratory Director

Date: 09/04/2013

YORK



Sample Information

Client Sample ID: SV-1/S09

York Sample ID: 1310011-01

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Soil Vapor

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	11	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	15	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.0	8.0	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	7.8	7.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	15	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.7	9.7	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	15	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	12	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.0	8.0	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.1	9.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	14	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.7	9.7	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
106-99-0	1,3-Butadiene	ND		ug/m ³	8.5	8.5	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	12	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	12	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
123-91-1	1,4-Dioxane	ND		ug/m ³	7.1	7.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
78-93-3	2-Butanone	22		ug/m ³	5.8	5.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
591-78-6	2-Hexanone	ND		ug/m ³	8.1	8.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.1	8.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
67-64-1	Acetone	170		ug/m ³	4.7	4.7	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
71-43-2	Benzene	ND		ug/m ³	6.3	6.3	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
100-44-7	Benzyl chloride	ND		ug/m ³	10	10	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-27-4	Bromodichloromethane	ND		ug/m ³	12	12	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-25-2	Bromoform	ND		ug/m ³	20	20	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
74-83-9	Bromomethane	ND		ug/m ³	7.7	7.7	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-15-0	Carbon disulfide	14		ug/m ³	6.1	6.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
56-23-5	Carbon tetrachloride	ND		ug/m ³	6.2	6.2	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
108-90-7	Chlorobenzene	ND		ug/m ³	9.1	9.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-00-3	Chloroethane	ND		ug/m ³	5.2	5.2	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
67-66-3	Chloroform	18		ug/m ³	9.6	9.6	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB



Sample Information

Client Sample ID: SV-1/S09

York Sample ID: 1310011-01

<u>York Project (SDG) No.</u> 1310011	<u>Client Project ID</u> 28-46 Roebling St Brooklyn	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> August 28, 2013 3:00 pm	<u>Date Received</u> 08/30/2013
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m ³	4.1	4.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	7.8	7.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.9	8.9	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
110-82-7	Cyclohexane	ND		ug/m ³	6.8	6.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
124-48-1	Dibromochloromethane	ND		ug/m ³	16	16	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.7	9.7	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
141-78-6	Ethyl acetate	ND		ug/m ³	7.1	7.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
100-41-4	Ethyl Benzene	ND		ug/m ³	8.6	8.6	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	21	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
67-63-0	Isopropanol	ND		ug/m ³	4.8	4.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.1	8.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.1	7.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-09-2	Methylene chloride	ND		ug/m ³	6.8	6.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
142-82-5	n-Heptane	ND		ug/m ³	8.1	8.1	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
110-54-3	n-Hexane	ND		ug/m ³	6.9	6.9	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
95-47-6	o-Xylene	ND		ug/m ³	8.6	8.6	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
179601-23-1	p- & m- Xylenes	ND		ug/m ³	17	17	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
622-96-8	p-Ethyltoluene	ND		ug/m ³	48	48	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
115-07-01	Propylene	ND		ug/m ³	3.4	3.4	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
100-42-5	Styrene	ND		ug/m ³	8.4	8.4	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
127-18-4	Tetrachloroethylene	ND		ug/m ³	13	13	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
109-99-9	Tetrahydrofuran	ND		ug/m ³	5.8	5.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
108-88-3	Toluene	10		ug/m ³	7.4	7.4	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.8	7.8	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.9	8.9	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
79-01-6	Trichloroethylene	29		ug/m ³	5.3	5.3	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	11	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
108-05-4	Vinyl acetate	ND		ug/m ³	6.9	6.9	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB
75-01-4	Vinyl Chloride	ND		ug/m ³	5.0	5.0	19.38	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 19:25	RB



Sample Information

Client Sample ID: SV-2/S16

York Sample ID: 1310011-02

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Soil Vapor

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	190		ug/m ³	12	12	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	15	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	17	17	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	12	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-34-3	1,1-Dichloroethane	97		ug/m ³	9.0	9.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.8	8.8	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	17	17	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	11	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
106-93-4	1,2-Dibromoethane	ND		ug/m ³	17	17	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
107-06-2	1,2-Dichloroethane	ND		ug/m ³	9.0	9.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
78-87-5	1,2-Dichloropropane	ND		ug/m ³	10	10	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	16	16	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	11	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
106-99-0	1,3-Butadiene	ND		ug/m ³	9.7	9.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
123-91-1	1,4-Dioxane	ND		ug/m ³	8.0	8.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
78-93-3	2-Butanone	14		ug/m ³	6.6	6.6	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
591-78-6	2-Hexanone	ND		ug/m ³	9.1	9.1	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	9.1	9.1	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
67-64-1	Acetone	47		ug/m ³	5.3	5.3	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
71-43-2	Benzene	ND		ug/m ³	7.1	7.1	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
100-44-7	Benzyl chloride	ND		ug/m ³	12	12	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-25-2	Bromoform	ND		ug/m ³	23	23	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
74-83-9	Bromomethane	ND		ug/m ³	8.7	8.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-15-0	Carbon disulfide	22		ug/m ³	6.9	6.9	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
56-23-5	Carbon tetrachloride	ND		ug/m ³	7.0	7.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
108-90-7	Chlorobenzene	ND		ug/m ³	10	10	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-00-3	Chloroethane	ND		ug/m ³	5.9	5.9	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
67-66-3	Chloroform	14		ug/m ³	11	11	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
74-87-3	Chloromethane	ND		ug/m ³	4.6	4.6	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB



Sample Information

Client Sample ID: SV-2/S16

York Sample ID: 1310011-02

<u>York Project (SDG) No.</u> 1310011	<u>Client Project ID</u> 28-46 Roebling St Brooklyn	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> August 28, 2013 3:00 pm	<u>Date Received</u> 08/30/2013
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.8	8.8	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	10	10	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
110-82-7	Cyclohexane	ND		ug/m ³	7.7	7.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	11	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
141-78-6	Ethyl acetate	ND		ug/m ³	8.0	8.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
100-41-4	Ethyl Benzene	ND		ug/m ³	9.7	9.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
87-68-3	Hexachlorobutadiene	ND		ug/m ³	24	24	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
67-63-0	Isopropanol	ND		ug/m ³	5.5	5.5	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
80-62-6	Methyl Methacrylate	ND		ug/m ³	9.1	9.1	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	8.0	8.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-09-2	Methylene chloride	29		ug/m ³	7.7	7.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
142-82-5	n-Heptane	ND		ug/m ³	9.1	9.1	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
110-54-3	n-Hexane	15		ug/m ³	7.9	7.9	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
95-47-6	o-Xylene	ND		ug/m ³	9.7	9.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	19	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
622-96-8	p-Ethyltoluene	ND		ug/m ³	55	55	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
115-07-01	Propylene	ND		ug/m ³	3.8	3.8	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
100-42-5	Styrene	ND		ug/m ³	9.5	9.5	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
127-18-4	Tetrachloroethylene	17		ug/m ³	15	15	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
109-99-9	Tetrahydrofuran	ND		ug/m ³	6.6	6.6	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
108-88-3	Toluene	13		ug/m ³	8.4	8.4	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.8	8.8	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	10	10	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
79-01-6	Trichloroethylene	22		ug/m ³	6.0	6.0	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	13	13	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
108-05-4	Vinyl acetate	ND		ug/m ³	7.8	7.8	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB
75-01-4	Vinyl Chloride	ND		ug/m ³	5.7	5.7	21.91	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:06	RB

Sample Information

Client Sample ID: SV-3/S14

York Sample ID: 1310011-03

<u>York Project (SDG) No.</u> 1310011	<u>Client Project ID</u> 28-46 Roebling St Brooklyn	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> August 28, 2013 3:00 pm	<u>Date Received</u> 08/30/2013
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Sample Information

Client Sample ID: SV-3/S14

York Sample ID: 1310011-03

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Soil Vapor

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	110		ug/m ³	9.4	9.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	12	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64		ug/m ³	13	13	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.4	9.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.9	6.9	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	6.8	6.8	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	13	13	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.4	8.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	13	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	10	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.9	6.9	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.9	7.9	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	12	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.4	8.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
106-99-0	1,3-Butadiene	ND		ug/m ³	7.4	7.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	10	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	10	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
123-91-1	1,4-Dioxane	ND		ug/m ³	6.2	6.2	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
78-93-3	2-Butanone	17		ug/m ³	5.1	5.1	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
591-78-6	2-Hexanone	ND		ug/m ³	7.0	7.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.0	7.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
67-64-1	Acetone	120		ug/m ³	4.1	4.1	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
71-43-2	Benzene	ND		ug/m ³	5.5	5.5	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
100-44-7	Benzyl chloride	ND		ug/m ³	8.9	8.9	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-27-4	Bromodichloromethane	ND		ug/m ³	11	11	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-25-2	Bromoform	ND		ug/m ³	18	18	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
74-83-9	Bromomethane	ND		ug/m ³	6.7	6.7	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-15-0	Carbon disulfide	14		ug/m ³	5.3	5.3	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
56-23-5	Carbon tetrachloride	ND		ug/m ³	5.4	5.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
108-90-7	Chlorobenzene	ND		ug/m ³	7.9	7.9	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-00-3	Chloroethane	ND		ug/m ³	4.5	4.5	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
67-66-3	Chloroform	ND		ug/m ³	8.4	8.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
74-87-3	Chloromethane	ND		ug/m ³	3.5	3.5	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB



Sample Information

Client Sample ID: SV-3/S14

York Sample ID: 1310011-03

<u>York Project (SDG) No.</u> 1310011	<u>Client Project ID</u> 28-46 Roebling St Brooklyn	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> August 28, 2013 3:00 pm	<u>Date Received</u> 08/30/2013
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	6.8	6.8	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.8	7.8	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
110-82-7	Cyclohexane	ND		ug/m ³	5.9	5.9	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
124-48-1	Dibromochloromethane	ND		ug/m ³	14	14	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.5	8.5	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
141-78-6	Ethyl acetate	ND		ug/m ³	6.2	6.2	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
100-41-4	Ethyl Benzene	ND		ug/m ³	7.4	7.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	18	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
67-63-0	Isopropanol	ND		ug/m ³	4.2	4.2	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.0	7.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.2	6.2	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-09-2	Methylene chloride	20		ug/m ³	6.0	6.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
142-82-5	n-Heptane	ND		ug/m ³	7.0	7.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
110-54-3	n-Hexane	9.1		ug/m ³	6.0	6.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
95-47-6	o-Xylene	ND		ug/m ³	7.4	7.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	15	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
622-96-8	p-Ethyltoluene	ND		ug/m ³	42	42	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
115-07-01	Propylene	ND		ug/m ³	3.0	3.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
100-42-5	Styrene	ND		ug/m ³	7.3	7.3	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
127-18-4	Tetrachloroethylene	17		ug/m ³	12	12	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
109-99-9	Tetrahydrofuran	ND		ug/m ³	5.1	5.1	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
108-88-3	Toluene	13		ug/m ³	6.5	6.5	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.8	6.8	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.8	7.8	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
79-01-6	Trichloroethylene	25		ug/m ³	4.6	4.6	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	9.6	9.6	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
108-05-4	Vinyl acetate	ND		ug/m ³	6.0	6.0	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB
75-01-4	Vinyl Chloride	ND		ug/m ³	4.4	4.4	16.86	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 20:47	RB

Sample Information

Client Sample ID: SV-4/Y49

York Sample ID: 1310011-04

<u>York Project (SDG) No.</u> 1310011	<u>Client Project ID</u> 28-46 Roebling St Brooklyn	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> August 28, 2013 3:00 pm	<u>Date Received</u> 08/30/2013
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Sample Information

Client Sample ID: SV-4/Y49

York Sample ID: 1310011-04

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Soil Vapor

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	68		ug/m ³	10	10	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	13	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	15	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	10	10	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.7	7.7	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	7.5	7.5	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	14	14	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.3	9.3	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	15	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	11	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.7	7.7	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.8	8.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	13	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.3	9.3	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
106-99-0	1,3-Butadiene	ND		ug/m ³	8.2	8.2	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	11	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	11	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
123-91-1	1,4-Dioxane	ND		ug/m ³	6.8	6.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
78-93-3	2-Butanone	ND		ug/m ³	5.6	5.6	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
591-78-6	2-Hexanone	ND		ug/m ³	7.8	7.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.8	7.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
67-64-1	Acetone	40		ug/m ³	4.5	4.5	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
71-43-2	Benzene	ND		ug/m ³	6.1	6.1	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
100-44-7	Benzyl chloride	ND		ug/m ³	9.8	9.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-27-4	Bromodichloromethane	ND		ug/m ³	12	12	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-25-2	Bromoform	ND		ug/m ³	20	20	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
74-83-9	Bromomethane	ND		ug/m ³	7.4	7.4	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-15-0	Carbon disulfide	ND		ug/m ³	5.9	5.9	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
56-23-5	Carbon tetrachloride	ND		ug/m ³	6.0	6.0	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
108-90-7	Chlorobenzene	ND		ug/m ³	8.7	8.7	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-00-3	Chloroethane	ND		ug/m ³	5.0	5.0	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
67-66-3	Chloroform	ND		ug/m ³	9.3	9.3	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB



Sample Information

Client Sample ID: SV-4/Y49

York Sample ID: 1310011-04

<u>York Project (SDG) No.</u> 1310011	<u>Client Project ID</u> 28-46 Roebling St Brooklyn	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> August 28, 2013 3:00 pm	<u>Date Received</u> 08/30/2013
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m ³	3.9	3.9	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	7.5	7.5	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.6	8.6	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
110-82-7	Cyclohexane	ND		ug/m ³	6.5	6.5	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
124-48-1	Dibromochloromethane	ND		ug/m ³	15	15	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.4	9.4	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
141-78-6	Ethyl acetate	ND		ug/m ³	6.8	6.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
100-41-4	Ethyl Benzene	ND		ug/m ³	8.2	8.2	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
87-68-3	Hexachlorobutadiene	ND		ug/m ³	20	20	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
67-63-0	Isopropanol	ND		ug/m ³	4.7	4.7	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.8	7.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.8	6.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-09-2	Methylene chloride	ND		ug/m ³	6.6	6.6	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
142-82-5	n-Heptane	ND		ug/m ³	7.8	7.8	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
110-54-3	n-Hexane	ND		ug/m ³	6.7	6.7	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
95-47-6	o-Xylene	ND		ug/m ³	8.2	8.2	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
179601-23-1	p- & m- Xylenes	ND		ug/m ³	16	16	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
622-96-8	p-Ethyltoluene	ND		ug/m ³	47	47	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
115-07-01	Propylene	ND		ug/m ³	3.3	3.3	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
100-42-5	Styrene	ND		ug/m ³	8.1	8.1	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
127-18-4	Tetrachloroethylene	ND		ug/m ³	13	13	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
109-99-9	Tetrahydrofuran	ND		ug/m ³	5.6	5.6	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
108-88-3	Toluene	10		ug/m ³	7.2	7.2	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.5	7.5	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.6	8.6	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
79-01-6	Trichloroethylene	30		ug/m ³	5.1	5.1	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	11	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
108-05-4	Vinyl acetate	ND		ug/m ³	6.7	6.7	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB
75-01-4	Vinyl Chloride	ND		ug/m ³	4.9	4.9	18.67	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 21:26	RB



Sample Information

Client Sample ID: IA-1/Y64

York Sample ID: 1310011-05

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Indoor Ambient Air

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.70	0.70	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.86		ug/m ³	0.78	0.78	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.41	0.41	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.75	0.75	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
95-63-6	1,2,4-Trimethylbenzene	4.8		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.78	0.78	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.41	0.41	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.47	0.47	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.71	0.71	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
108-67-8	1,3,5-Trimethylbenzene	1.8		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
106-99-0	1,3-Butadiene	ND		ug/m ³	0.44	0.44	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
106-46-7	1,4-Dichlorobenzene	0.67		ug/m ³	0.61	0.61	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
123-91-1	1,4-Dioxane	ND		ug/m ³	0.37	0.37	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
78-93-3	2-Butanone	5.6		ug/m ³	0.30	0.30	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
591-78-6	2-Hexanone	ND		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
67-64-1	Acetone	56	E	ug/m ³	0.24	0.24	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
71-43-2	Benzene	1.5		ug/m ³	0.32	0.32	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
100-44-7	Benzyl chloride	ND		ug/m ³	0.53	0.53	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-27-4	Bromodichloromethane	ND		ug/m ³	0.63	0.63	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-25-2	Bromoform	ND		ug/m ³	1.1	1.1	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-15-0	Carbon disulfide	0.89		ug/m ³	0.32	0.32	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
56-23-5	Carbon tetrachloride	0.77		ug/m ³	0.32	0.32	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
108-90-7	Chlorobenzene	ND		ug/m ³	0.47	0.47	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-00-3	Chloroethane	ND		ug/m ³	0.27	0.27	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
67-66-3	Chloroform	0.65		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
74-87-3	Chloromethane	2.8		ug/m ³	0.21	0.21	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB



Sample Information

Client Sample ID: IA-1/Y64

York Sample ID: 1310011-05

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix Indoor Ambient Air
Collection Date/Time August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
110-82-7	Cyclohexane	0.84		ug/m ³	0.35	0.35	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
124-48-1	Dibromochloromethane	ND		ug/m ³	0.82	0.82	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-71-8	Dichlorodifluoromethane	3.7		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
141-78-6	Ethyl acetate	ND		ug/m ³	0.37	0.37	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
100-41-4	Ethyl Benzene	1.6		ug/m ³	0.44	0.44	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
67-63-0	Isopropanol	9.8		ug/m ³	0.25	0.25	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.37	0.37	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-09-2	Methylene chloride	2.3		ug/m ³	0.35	0.35	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
142-82-5	n-Heptane	1.4		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
110-54-3	n-Hexane	2.2		ug/m ³	0.36	0.36	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
95-47-6	o-Xylene	1.9		ug/m ³	0.44	0.44	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
179601-23-1	p- & m- Xylenes	5.7		ug/m ³	0.88	0.88	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
622-96-8	p-Ethyltoluene	2.5		ug/m ³	2.5	2.5	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
115-07-01	Propylene	33		ug/m ³	0.18	0.18	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
127-18-4	Tetrachloroethylene	1.9		ug/m ³	0.69	0.69	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.30	0.30	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
108-88-3	Toluene	7.8		ug/m ³	0.38	0.38	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
79-01-6	Trichloroethylene	0.87		ug/m ³	0.27	0.27	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-69-4	Trichlorofluoromethane (Freon 11)	2.4		ug/m ³	0.57	0.57	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
108-05-4	Vinyl acetate	ND		ug/m ³	0.36	0.36	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 14:31	RB

Sample Information

Client Sample ID: OA-1/Y61

York Sample ID: 1310011-06

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix Outdoor Ambient Air
Collection Date/Time August 28, 2013 3:00 pm

Date Received
08/30/2013



Sample Information

Client Sample ID: OA-1/Y61

York Sample ID: 1310011-06

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Outdoor Ambient Ai

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.70	0.70	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.78	0.78	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.41	0.41	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.75	0.75	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
95-63-6	1,2,4-Trimethylbenzene	1.4		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.78	0.78	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.41	0.41	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.47	0.47	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.71	0.71	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
106-99-0	1,3-Butadiene	ND		ug/m ³	0.44	0.44	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.61	0.61	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
123-91-1	1,4-Dioxane	ND		ug/m ³	0.37	0.37	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
78-93-3	2-Butanone	4.2		ug/m ³	0.30	0.30	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
591-78-6	2-Hexanone	ND		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
108-10-1	4-Methyl-2-pentanone	0.75		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
67-64-1	Acetone	29		ug/m ³	0.24	0.24	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
71-43-2	Benzene	1.2		ug/m ³	0.32	0.32	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
100-44-7	Benzyl chloride	ND		ug/m ³	0.53	0.53	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-27-4	Bromodichloromethane	ND		ug/m ³	0.63	0.63	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-25-2	Bromoform	ND		ug/m ³	1.1	1.1	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-15-0	Carbon disulfide	ND		ug/m ³	0.32	0.32	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
56-23-5	Carbon tetrachloride	0.64		ug/m ³	0.32	0.32	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
108-90-7	Chlorobenzene	ND		ug/m ³	0.47	0.47	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-00-3	Chloroethane	ND		ug/m ³	0.27	0.27	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
67-66-3	Chloroform	ND		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
74-87-3	Chloromethane	1.5		ug/m ³	0.21	0.21	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB



Sample Information

Client Sample ID: OA-1/Y61

York Sample ID: 1310011-06

York Project (SDG) No.
1310011

Client Project ID
28-46 Roebling St Brooklyn

Matrix
Outdoor Ambient Ai

Collection Date/Time
August 28, 2013 3:00 pm

Date Received
08/30/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
110-82-7	Cyclohexane	0.67		ug/m ³	0.35	0.35	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
124-48-1	Dibromochloromethane	ND		ug/m ³	0.82	0.82	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-71-8	Dichlorodifluoromethane	3.3		ug/m ³	0.50	0.50	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
141-78-6	Ethyl acetate	5.0		ug/m ³	0.37	0.37	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
100-41-4	Ethyl Benzene	1.2		ug/m ³	0.44	0.44	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
67-63-0	Isopropanol	11		ug/m ³	0.25	0.25	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.37	0.37	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-09-2	Methylene chloride	9.3		ug/m ³	0.35	0.35	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
142-82-5	n-Heptane	1.2		ug/m ³	0.42	0.42	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
110-54-3	n-Hexane	4.2		ug/m ³	0.36	0.36	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
95-47-6	o-Xylene	1.5		ug/m ³	0.44	0.44	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
179601-23-1	p- & m- Xylenes	4.5		ug/m ³	0.88	0.88	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
622-96-8	p-Ethyltoluene	ND		ug/m ³	2.5	2.5	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
115-07-01	Propylene	8.9		ug/m ³	0.18	0.18	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
127-18-4	Tetrachloroethylene	1.3		ug/m ³	0.69	0.69	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
109-99-9	Tetrahydrofuran	2.2		ug/m ³	0.30	0.30	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
108-88-3	Toluene	6.5		ug/m ³	0.38	0.38	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.46	0.46	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
79-01-6	Trichloroethylene	ND		ug/m ³	0.27	0.27	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-69-4	Trichlorofluoromethane (Freon 11)	2.3		ug/m ³	0.57	0.57	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
108-05-4	Vinyl acetate	ND		ug/m ³	0.36	0.36	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1	EPA Compendium TO-15	09/03/2013 09:36	09/03/2013 15:17	RB



Notes and Definitions

E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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.

YOUR Information Company: <u>Hyman Tech</u> Address: <u>15 Ocean Ave</u> <u>Brooklyn, NY</u> Phone No: <u>718-636-6800</u> Contact Person: <u>Sasha</u> E-Mail Address: <u>sloston.sor@hycorp.com</u>		Report To: Company: <u>SA</u> Address: <u>M E</u> Phone No: <u>M E</u> Attention: <u>E</u> E-Mail Address:		Invoice To: Company: <u>SA</u> Address: <u>M E</u> Phone No: <u>M E</u> Attention: <u>E</u> E-Mail Address:		YOUR Project ID <u>28-46 Rocking St</u> <u>Brooklyn</u> Purchase Order No. <u>5757</u> Samples from: CT <u>NY</u> NJ		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input type="checkbox"/>		Report Type/Deliverables Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ NY ASP A Package _____ NY ASP B/CLP Pkg _____ NJDEP Reduced _____ <i>Electronic Deliverables:</i> EDD (Specify Type) _____ Standard Excel _____ Regulatory Comparison Excel _____	
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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.

TO15 Volatiles and Other Gas Analyses EPA TO-15 List _____ NYSDEC VI list _____ Tentatively Identified Compounds _____		Detection Limits Required ≤ 1 ug/m ³ _____ NYSDEC VI Limits _____ (VI = vapor interference) NJDEP low level _____ Routine Survey _____ Other _____	
Air Matrix Codes AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AE - Vapor Extraction Well/ Process Gas/Effluent AS - SOIL Vapor/Sub-Slab		Project Specific List by TO-15 Air VPH _____ Helium _____ Methane _____ OTHER _____	

Samples Collected/Authorized By (Signature)
Carla Quiring
Name (printed)

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1 / 509	8/28/13	AS	30	10	70-15	6 Liter Summa canister Tedlar Bag
SV-2 / 516		AS	29	8		6 Liter Summa canister Tedlar Bag
SV-3 / 514		AS	26	3		6 Liter Summa canister Tedlar Bag
SV-4 / 449		AS	30	5		6 Liter Summa canister Tedlar Bag
IA-1 / 464		AI	30	1		6 Liter Summa canister Tedlar Bag
OA-1 / 461		AO	29	4		6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By [Signature] Date/Time 8/30/13 1PM

Samples Received By H. Barky Date/Time 8/30/13 1PM

Samples Relinquished By _____ Date/Time _____

Samples Received in LAB by Grace Date/Time 8-30-13 16:30