1926 LONGFELLOW AVE &

1939 WEST FARMS ROAD

BRONX, NEW YORK

Remedial Investigation Report

NYC VCP Site Numbers: Site Numbers 14CVCP226X and 14CVCP229X

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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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 1926 Longfellow Avenue and 1939 West Farms Road, (NYC VCP Site Nos. 14CVCP226X and 14CVCP229X). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

Site A is located at 1926 Longfellow Avenue in the West Farms section in Bronx, New York and is identified as Block 3016 and Lot 38 on the New York City Tax Map. Site A is 6,678-square feet and is bounded by a 2-story hotel to the north, a 1-story religious institution to the south, 1-story stonework warehouse to the east, and Longfellow Avenue to the west. Currently, the Site is used for parking.

Site B is located at 1939 West Farms Road in the West Farms section in Bronx, New York and is identified as Block 3016 and Lot 50. Lot 50 is consists of vacant land and is 20,736-square feet. Site B is bounded by a 2-story hotel and parking area to the west, Boston Road to the north, West Farms Road to the east and a 1-story stonework warehouse to the south.

Summary of Proposed Redevelopment Plan

The proposed future use of Site A will consist of an 8-story residential and commercial building with a cellar. The current zoning designation is R8X with a commercial overlay of C2-4. The proposed use is consistent with existing zoning for the property. The cellar slab will be at a depth of 12 feet below grade. The maximum depth of excavation is for the footings is anticipated to be 14 feet below grade. The ground floor will consist of a residential lobby and commercial space. Remaining floors two through eight will consist of affordable housing residential space. The building will occupy the entire footprint of the lot, with no setbacks.

The proposed future use of Site B will consist of a 14-story residential and commercial building with a cellar. The ground floor will consist of a residential lobby and commercial space. Remaining floors two through fourteen will consist of affordable housing residential space. The cellar slab will be at a depth of 12 feet below grade. The maximum depth of excavation is for the footings is anticipated to be 14 feet below grade. The cellar will contain a parking garage. The

building will occupy the entire footprint of the lot, with no setbacks. The proposed development plans are provided in **Appendix B**.

Layout of the proposed site developments is presented in **Figure 3**.

Summary of Past Uses of Site and Areas of Concern

Based upon the review of the Phase I Environmental Site Assessment (ESA) Report prepared by Tenen Environmental dated June 2013, the historical uses of both sites were established. Both sites were developed prior to 1868. Site A was historically used as a carriage house from 1985 through 1896 and as parking and a rear yard for an auto repair shop from 1901 through 2007.

Site B was historically used as a wagon factory during 1901, various commercial including a theater, offices, auto repairs from 1926 through 1950, motor freight operation from 1950 through 1995 and an auto repair shop during 2005.

Shri Sainath, LLC, currently owns both Site A and Site B.

The AOCs identified for this site include:

1. The presence of urban fill material beneath Site A and Site B.

Summary of the Work Performed under the Remedial Investigation

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 4 soil borings at Site A, and collected 8 soil samples for chemical analysis from the soil borings to evaluate soil quality; installed 6 soil borings at Site B and collected 12 soil samples for chemical analysis;
3. Installed 2 groundwater monitoring wells at Site A and 3 wells at Site B and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 3 soil vapor probes at Site A and 5 at Site B and collected 8 samples for chemical analysis.
5. Collected 1 ambient outdoor air sample.

Summary of Environmental Findings

1. Elevation of the property ranges from 20 to 30 feet above sea level.
2. Depth to groundwater ranges from 16.61 to 18.47 feet at the Site.
3. Site specific groundwater flow was not determined during this RI, however, regional groundwater flow is generally from west to east beneath the Site.
4. Depth to bedrock at the sites is between 10 to 20 feet.
5. The stratigraphy of the sites, from the surface down, consists of 4 to 14 feet of asphalt, concrete, sand, brick and pebbles (urban fill) underlain by brown medium to fine grained sand and silt.
6. Site A: The soil samples collected from Site A during the RI showed that no VOCs are present in the soil at concentrations exceeding the Unrestricted Use SCOs. Total VOCs ranged from non-detect to 0.0061 ppm. SVOCs including Benzo(a)Anthracene (maximum of 3.0 ppm ppm), Benzo(a)Pyrene (maximum of 3.25 ppm), Benzo(b)Fluoranthene (maximum of 2.93 ppm), Dibenzo(a,h)Anthracene (maximum of 0.45 ppm) and Indeno(1,2,3-cd)Pyrene (maximum of 0.767 ppm) exceeded Track 2 Restricted Residential SCOs. Benzo(k)Fluoranthene (maximum of 3.17 ppm) and Chrysene (maximum of 3.76 ppm) also exceeded Unrestricted Use SCOs. Pesticides including 4,4'-DDD (maximum of 0.00641), 4,4'-DDE (maximum of 0.00435) and 4,4'-DDT (maximum of 0.00865) exceeded Unrestricted Use SCOs in shallow and deep soil samples. Metals including arsenic (maximum of 20.7 ppm), barium (maximum of 634 ppm), copper (maximum of 348 ppm), lead (maximum of 1,410 ppm), manganese (maximum of 2,330 ppm), and mercury (maximum of 2.86 ppm) exceeded Restricted Residential Use SCOs.
7. Site B: The soil samples collected from Site B during the RI showed that no VOCs are present in the soil at concentrations exceeding the Unrestricted Use SCOs. Total VOCs ranges from non-detect to 6.9 ppm. TCE and PCE were not detected in any of the soil samples. The SVOCs including Benzo(a)Anthracene (maximum of 63.5 ppm), Benzo(a)Pyrene (maximum of 59.1 ppm), Benzo(b)Fluoranthene (maximum of 44.1 ppm), Benzo(k)Fluoranthene (maximum of 53.3 ppm), Chrysene (maximum of 58.5 ppm), Dibenzo(a,h)Anthracene (maximum of 8.4 ppm), Fluoranthene (maximum of 137 ppm), Indeno(1,2,3-cd)Pyrene (maximum of 26.7 ppm), Phenanthrene (maximum of 132

ppm) and Pyrene (maximum of 102 ppm) were detected exceeding Unrestricted Use as well as Restricted Residential Use SCOs in both shallow and deep soils. No PCBs were detected in any of the soil samples at concentrations exceeding the Unrestricted Use SCO. Pesticides including 4,4'-DDD (maximum of 0.0244 ppm), 4,4'-DDE (maximum of 0.0103 ppm) and 4,4'-DDT (maximum of 0.0342 ppm) exceeded Unrestricted Use SCOs. Metals including barium (maximum of 432 ppm), copper (maximum of 73.3 ppm), lead (maximum of 399 ppm), mercury (maximum of 1.04 ppm), zinc (maximum of 683 ppm) and trivalent chromium (maximum of 33.1 ppm) exceeded Unrestricted Use SCOs. Barium and mercury also exceeded Restricted Residential Use SCOs.

8. Site A: Groundwater samples collected during the RI showed no VOCs, pesticides or PCBs present in the groundwater at concentrations exceeding the NYSDEC 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS). Total VOCs range from 8.3 ppb to 18.9 ppb. One SVOCs, Bis(2-ethylhexyl)phthalate, was detected in both samples at concentrations exceeding the GQS (maximum of 6.44 ppb). PCE and TCE were not detected in any of the groundwater samples. Several metals including barium, lead, magnesium, manganese and selenium were identified but only magnesium and selenium were detected in the groundwater exceeding the GQS.
9. Site B: Groundwater samples collected during the RI showed no VOCs, SVOCs, pesticides or PCBs are present in the groundwater at Site B at concentrations exceeding the GQS. PCE and TCE were not detected in the groundwater sample. Metals including barium, chromium, copper, lead, manganese and nickel were identified but none exceeded GQS.
10. Site A: Soil vapor samples collected during the RI showed the presence of petroleum and chlorinated VOCs in the soil vapors beneath Site A. The concentrations of the detected VOCs are generally below 100 ug/m^3, with the exception of acetone (maximum of 800 ug/m^3). PCE (maximum of 23 ug/m^3) was detected in all three soil vapor samples and TCE was detected in one vapor sample at 46 ug/m^3. TCA and carbon tetrachloride were not detected in any sample. Concentrations of TCE are above the monitoring level range established by NYSDOH soil vapor matrix guidance values.
11. Site B: Soil vapor samples collected during the RI showed the presence of petroleum and chlorinated VOCs in the soil vapors at low concentrations. The concentrations of the detected VOCs are generally below 100 ug/m^3, with the exception of Acetone (maximum of 1,300 ug/m^3) and Methylene Chloride (maximum of 250ug/m^3). PCE (maximum of

68 ug/m^3) were detected in four of five the soil vapor samples at Site B. TCA, TCE and carbon tetrachloride were not detected in any of the soil vapor samples from Site B. PCE concentrations are below the monitoring level range established by NYSDOH soil vapor matrix guidance values.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Shri Sainath, LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate two sites located at 1926 Longfellow Avenue (Site A) and 1939 West Farms Road (Site B) in the West Farms section of Bronx, New York. Mixed commercial and residential use is proposed for both sites. The RI work was performed between August 20th and August 27th, 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

Site A is located at 1926 Longfellow Avenue in the West Farms section in Bronx, New York and is identified as Block 3016 and Lot 38 on the New York City Tax Map. Site A is 6,678-square feet and is bounded by a 2-story hotel to the north, a 1-story religious institution to the south, 1-story stonework warehouse to the east, and Longfellow Avenue to the west. Currently, the Site is used for parking.

Site B is located at 1939 West Farms Road in the West Farms section in Bronx, New York and is identified as Block 3016 and Lot 50. Lot 50 is consists of vacant land and is 20,736-square feet. Site B is bounded by a 2-story hotel and parking area to the west, Boston Road to the north, West Farms Road to the east and a 1-story stonework warehouse to the south.

Figure 1 shows the Site locations and **Figure 2** shows a map of the site boundaries.

1.2 Proposed Redevelopment Plan

The proposed future use of Site A will consist of an 8-story residential and commercial building with a cellar. The current zoning designation is R8X with a commercial overlay of C2-4. The proposed use is consistent with existing zoning for the property. The cellar slab will be at a depth of 12 feet below grade. The maximum depth of excavation for the footings is anticipated to be 14 feet below grade. The ground floor will consist of a residential lobby and commercial space. Remaining floors two through eight will consist of affordable housing residential space. The building will occupy the entire footprint of the lot, with no setbacks.

The proposed future use of Site B will consist of a 14-story residential and commercial building with a cellar. The ground floor will consist of a residential lobby and commercial space. Remaining floors two through fourteen will consist of affordable housing residential space. The cellar slab will be at a depth of 12 feet below grade. The maximum depth of excavation is for the footings is anticipated to be 14 feet below grade. The cellar will contain a parking garage. The building will occupy the entire footprint of the lot, with no setbacks. The proposed development plans are provided in **Appendix B**.

Layout of the proposed site developments is presented in **Figure 3**.

1.3 Description of Surrounding Property

The sites are located in a commercial and residential neighborhood. Within a 500-foot radius of the Site, there is a variety of land use including commercial, residential, and industrial. The following sensitive receptors are located within a 500-foot radius of the Site:

- NYC Public School 6, located approximately 300 feet northwest of Site A.
- NYC Public School 214, located immediately east of Site B across West Farms Road.

Previous **Figure 2** shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of the Phase I Environmental Site Assessment (ESA) Report prepared by Tenen Environmental dated June 2013, the historical uses of both sites were established. Both sites were developed prior to 1868. Site A was historically used as a carriage house from 1985 through 1896 and as parking and a rear yard for an auto repair shop from 1901 through 2007.

Site B was historically used as a wagon factory during 1901, various commercial including a theater, offices, auto repairs from 1926 through 1950, motor freight operation from 1950 through 1995 and an auto repair shop during 2005.

Shri Sainath, LLC, currently owns both Site A and Site B.

2.2 Previous Investigations

Previous investigations at the Site include a June 2013 Phase I ESA prepared by Tenen Environmental. The following recognized environmental conditions were identified:

- The historical industrial and commercial uses of the site and adjacent properties

2.3 Site Inspection

The Site inspection was performed on August 20, 2013 by Sasha Rothenberg under the direction of the Qualified Environmental Professional (QEP) certifying the report to evaluate areas of the concern, Mark E. Robbins. All portions of Site A and B were inspected. Site A was observed to be a parking lot paved with asphalt. Site B was observed to be a vacant lot enclosed by a metal chainlink fence. The inspection did not identify any environmental concerns.

2.4 Areas of Concern

The AOCs identified for this site include:

2. The presence of urban fill material and contamination across Site A and Site B due to the past use of the Sites.

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

3.0 PROJECT MANAGEMENT

3.1 Project Organization

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

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The scope of work implemented by Hydro Tech included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 4 soil borings at Site A, and collected 8 soil samples for chemical analysis from the soil borings to evaluate soil quality; installed 6 soil borings at Site B and collected 12 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 2 groundwater monitoring wells at Site A and 3 groundwater monitoring wells at Site B and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 3 soil vapor probes at Site A and 5 soil vapor probes at Site B and collected 8 samples for chemical analysis.
5. Collected 1 ambient outdoor air sample.

Photographs of the fieldwork are provided as **Appendix B**.

4.1 Geophysical Investigation

No geophysical survey was performed.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of four (4) soil borings were installed at Site A and six (6) at Site B to depths ranging from 6 to 14 feet below grade surface (bgs) during the remedial investigation. All borings at Site A were installed to 14 feet bgs, with the exception of SP-2, which was installed to 6 feet bgs. All borings at Site B were installed to 14 feet bgs with the exception of SP-4, which was installed to 12 feet bgs. 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.

A map showing the location of soil borings is shown in **Figure 5**.

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 not encountered during the installation of the soil borings.

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. A total of twenty-one (20) soil samples were collected for laboratory analysis. A total of ten (10) shallow samples from zero to 2 feet bgs and ten (10) deep samples from 6 to 14 feet bgs.

Separate aliquots of each soil sample were placed into airtight ziploc 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 C**. A map showing the location of soil borings and monitor wells is shown in **Figure 5**.

Groundwater Monitoring Well Construction

Two (2) groundwater monitoring wells were installed at Site A and three (3) at Site B 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 the monitoring wells is 20 feet below grade, with the exception of MW-2 and MW-3 installed at Site B. These wells were installed until refusal was encountered due to bedrock (18 and 19 feet below grade, respectively). The screened interval of all wells was placed so that it straddles the water table.

Monitoring well locations are shown in **Figure 5**.

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. The monitoring well construction details are provided in **Appendix D**.

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. Water level data is included in Table 1. As Table 1 indicates, MW-2 and MW-3 installed at Site B were dry. The groundwater in the remaining wells was encountered between 16.61 and 18.47 feet bgs at the Site.

Soil Vapor Probe Construction

Threes (3) soil vapor probes were installed at Site A and five (5) soil vapor probes were installed at Site B during this RI. A map showing the locations of the soil vapor borings is shown in **Figure 5**. All soil vapor probes were installed to 6 feet bgs.

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.

After installation of the probes, one to three volumes were purged prior to collecting the samples. Three (3) soil vapor samples were collected from Site A and five (5) from Site B for chemical analysis during this RI.

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

Twenty (20) soil samples were collected for chemical analysis during this RI. One (1) shallow and one (1) deeper soil sample was collected from soil probes SP-1 through SP-4 at Site A and SP-1 through SP-6 at Site B. 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. All of the soil samples collected 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 and Chromium Trivalent, Chromium Hexavalent. Data on soil sample collection from Site A for chemical analyses, including dates of collection and sample depths, is reported in **Tables 2**, **3**, **4** and **5**. Data on soil sample collected for chemical analyses from Site B is reported in **Tables 11**, **12**, **13** and **14**.

Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

A QA/QC for soil sampling was performed and included one field blank and one trip blank for one trip. The field blank was obtained following the sampling of soil probe SP-3 from Site A.

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

Two (2) groundwater samples were collected from Site A and one (1) from Site B for chemical analysis during this RI. Groundwater sample collection data from Site A is reported in **Tables 6**, **7**, **8** and **9**. Groundwater sample collection data from Site B is reported in **Tables 15**, **16**, **17** and **18**. **Figure 5** shows the location of groundwater sampling.

Initially, groundwater wells MW-1 and MW-2 at Site A and MW-1 at Site B were purged 3 to 5 well volumes. Monitoring wells MW-2 and MW-3 at Site B were found to be dry. Groundwater samples were obtained utilizing a peristaltic pump and dedicated tubing. Each groundwater sample collected at MW-1 and MW-2 at Site A and MW-1 at Site B 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 three wells 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

Three (3) soil vapor probes were installed at Site A and three (3) soil vapor samples were collected for chemical analysis from Site A during this RI. Five (5) soil vapor probes were

installed at Site B and five (5) soil vapor samples were collected for chemical analysis from Site A during this RI.

Soil vapor sampling locations are shown in **Figure 5**. Soil vapor sample collection data is reported in **Table 10** for Site A and **Table 19** for Site B. 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 in order to keep the tracer gas in contact with the probe and the ambient air from entering the probe during testing.

In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location.

Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling. 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 top time was recorded.

After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

Additionally, 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	The chemical analytical quality assurance is directed by Phil Murphy
Chemical Analytical	Chemical analytical laboratory(s) used in the RI is NYS ELAP

Laboratory	certified and were York Analytical Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Tables 2** through **19**. Laboratory data deliverables for all soil, groundwater and soil vapor samples evaluated in this RIR are provided in digital form in **Appendix E**.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the sites, from the surface down, consists of 2 to 14 feet of asphalt, concrete, sand, brick and pebbles (urban fill) underlain by brown medium to fine grained sand and silt. Bedrock was encountered at depths of 18 to 19 feet below grade.

Hydrogeology

A table of water level data for all monitor wells is included in **Table 1**. The average depth to groundwater is 17.75 feet and the range in depth is 16.61 to 18.47 feet. Two of the monitoring wells at Site B were found to be dry. This is most likely due to the high frequency of bedrock in the area, which may be influencing groundwater flow. Due to the locations of the three wells that do contain water, a groundwater flow direction could not be determined.

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 Sites. A summary table of data for chemical analyses performed on soil samples from Site A is included in **Tables 2** through **5**. **Figures 6**, **7**, and **8** show the location and posts the values for soil/fill at Site A that exceed the 6 NYCRR Part 375-6.8 Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs) and Restricted Residential Use (Track 2) SCOs. The soil samples collected from Site A during the RI showed that no VOCs are present in the soil at concentrations exceeding the Unrestricted Use SCOs. Total VOCs range from non-detect in SP-1 (0-2), SP-1 (12-14), SP-2 (12-14), SP-3 (12-14) and SP-4 (0-2) to 0.0061 ppm in SP-3 (0-2). Trichloroethylene (TCE) was not detected in any of the soil samples. Tetrachloroethylene (PCE) was detected in SP-4 (12-14) at a concentration of 0.006 ppm. SVOCs were detected at Site A in one of the four shallow soil samples and two of the four deep soil samples at concentrations exceeding the Track 1 and 2 SCO. Benzo(k)Fluoranthene (maximum of 3.17 ppm) and Chrysene (maximum of 3.76 ppm) exceeded Track 1 SCOs, and Benzo(a)Anthracene (maximum of 3.0 ppm ppm), Benzo(a)Pyrene (maximum of 3.25 ppm), Benzo(b)Fluoranthene (maximum of 2.93 ppm), Dibenzo(a,h)Anthracene (maximum of 0.45 ppm) and Indeno(1,2,3-cd)Pyrene (maximum of 0.767 ppm) exceeded Track 2 SCOs. Pesticides were detected in the soil at Site A in three of the four shallow samples and two of the four deep samples at concentrations exceeding the Track 1 SCOs. These pesticides include 4,4'-DDD

(maximum of 0.00641), 4,4'-DDE (maximum of 0.00435) and 4,4'-DDT (maximum of 0.00865). 11 metals were detected in the shallow and deep soil at Site A at concentrations exceeding the Track 1 and 2 SCOs. The metals exceeding Track 2 include Arsenic (maximum of 20.7 ppm), Barium (maximum of 634 ppm), Copper (maximum of 348 ppm), Lead (maximum of 1,410 ppm), Manganese (maximum of 2,330 ppm), and Mercury (maximum of 2.86 ppm).

A summary table of data for chemical analyses performed on soil samples from Site B is included in **Tables 11** through **14**. **Figures 9**, **10** and **11** show the location and posts the values for soil/fill at Site B that exceeds the 6 NYCRR Part 375-6.8 Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs) and Restricted Residential Use (Track 2) SCOs. The soil samples collected from Site B during the RI showed that no VOCs are present in the soil at concentrations exceeding the Unrestricted Use SCOs. Total VOCs ranges from non-detect in SP-2 (12-14) and SP-3 (12-14) to 6.9 ppm SP-1 (12-14). TCE and PCE were not detected in any of the soil samples. SVOCs were detected at Site B in five of the six shallow soil samples and three of the six deep soil samples at concentrations exceeding the Track 1 and 2 SCO. TheSVOCs exceeding Track 2 SCO include Benzo(a)Anthracene (maximum of 63.5 ppm), Benzo(a)Pyrene (maximum of 59.1 ppm), Benzo(b)Fluoranthene (maximum of 44.1 ppm), Benzo(k)Fluoranthene (maximum of 53.3 ppm), Chrysene (maximum of 58.5 ppm), Dibenzo(a,h)Anthracene (maximum of 8.4 ppm), Fluoranthene (maximum of 137 ppm), Indeno(1,2,3-cd)Pyrene (maximum of 26.7 ppm), Phenanthrene (maximum of 132 ppm) and Pyrene (maximum of 102 ppm). No PCBs were detected in any of the soil samples at concentrations exceeding the Track 1 SCO. Pesticides were detected in five of the six shallow soil samples and two of the six deep soil samples at concentrations exceeding the Track 1 SCO. These pesticides include 4,4'-DDD (maximum of 0.0244 ppm), 4,4'-DDE (maximum of 0.0103 ppm) and 4,4'-DDT (maximum of 0.0342 ppm). Six metals were detected in the deep and shallow soil at concentrations exceeding the Track 1 and Track 4. SCOs exceeding Track 1 include Copper (maximum of 73.3 ppm), Lead (maximum of 399 ppm), Zinc (maximum of 683 ppm) and Trivalent Chromium (maximum of 33.1 ppm). Additionally, two metals were detected in the deep and shallow soil samples from SP-1 at concentrations exceeding the Track 2 SCOs: Barium (maximum of 432 ppm) and Mercury (maximum of 1.04 ppm).

These results indicate the presence of urban fill material in the shallow and deep soil at both sites.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Sites. A summary table of data for chemical analyses performed on groundwater samples from Site A is included in **Tables 6**, **7**, **8** and **9**. **Figures 12** and **13** show the locations and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards (GQS). Groundwater samples collected during the RI showed no VOCs, pesticides or PCBs the Part 703.5 GQS. Total VOCs range from 8.3 ppb in MW-2 to 18.9 ppb in MW-1.). PCE and TCE were not detected in either of the groundwater samples. One SVOCs, Bis(2-ethylhexyl)phthalate, was detected in both samples at concentrations exceeding the GQS (maximum of 6.44 ppbFive (5) metals (Barium, Lead, Magnesium, Manganese and Selenium) were detected in unfiltered groundwater samples at concentrations above their respective GQS. The dissolved metals Magnesium (maximum of 36,800 ppb) and Selenium (maximum of 23 ppb) were detected in the groundwater at Site A at concentrations exceeding the GQS.

Metal concentrations distributed through groundwater at the Site are likely associated with the dissolved naturally-occurring mineral constituents from regional soil and/or historic fill material.

A summary table of data for chemical analyses performed on groundwater samples from Site B is included in **Tables 15, 16**, **17** and **18**. **Figure 14** shows the location and posts the values for groundwater at Site B that exceeds the GQS. Groundwater samples collected during the RI showed no VOCs, SVOCs, pesticides or PCBs are present in the groundwater at Site B at concentrations exceeding the GQS. PCE and TCE were not detected in the groundwater sample. Six (6) metals (Barium, Chromium, Copper, Lead, Manganese and Nickel) were detected in unfiltered groundwater sample at concentrations above their respective GQS. No dissolved metals were detected in the groundwater at Site B at concentrations exceeding the GQS.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Sites. A summary table of data for chemical analyses performed on soil vapor samples from Site A is included in **Table 10**. **Figure 15** shows the location and posts the values for soil vapor samples from Site A with detected concentrations exceeding the Soil vapor

analytical results were compared to New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006) Matrices 1 and 2.. Soil vapor samples collected during the RI showed the presence of petroleum and chlorinated VOCs in the soil vapors beneath the Site. The concentrations of the detected VOCs are generally below 100 ug/m^3, with the exception of Acetone (maximum of 800 ug/m^3), a common laboratory contaminant. 1,1,1 Trichloroethane and Carbon Tetrachloride were not detected in any of the soil vapor samples. PCE was detected in all three soil vapor samples at concentrations below the NYSDOH Matrix guidance value (maximum of 23 ug/m^3). TCE was detected in one soil vapor sample at 46 ug/m^3, which exceeds the NYSDOH Matrix guidance value of 5 ug/m^3.

A summary table of data for chemical analyses performed on soil vapor samples from Site B is included in **Table 19**. **Figure 16** shows the location and posts the values for soil vapor samples from Site B with detected concentrations exceeding the Soil vapor analytical results were compared to NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) Matrices 1 and 2. Soil vapor samples collected during the RI showed the presence of petroleum and chlorinated VOCs in the soil vapors beneath the Site. The concentrations of the detected VOCs are generally below 100 ug/m^3, with the exception of Acetone (maximum of 1,300 ug/m^3) and Methylene Chloride (maximum of 250 ug/m^3), both common laboratory contaminants. 1,1,1 Trichloroethane and Carbon Tetrachloride were not detected in any of the soil vapor samples. PCE (maximum of 68 ug/m^3) was detected in the four of the five soil vapor samples at concentrations below the NYSDOH Matrix guidance value at Site B. TCE was not detected in any of the soil vapor samples from Site B.

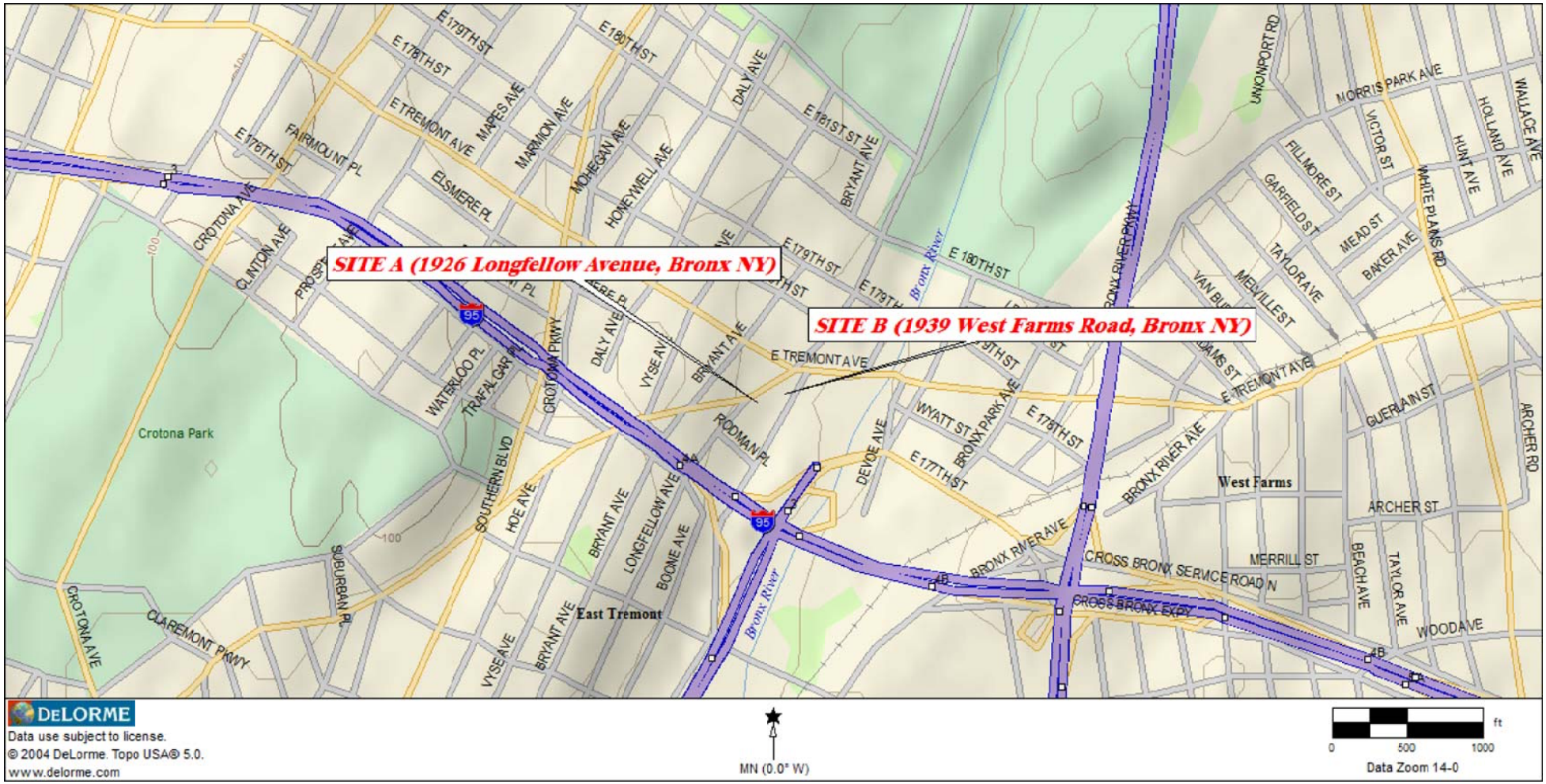
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



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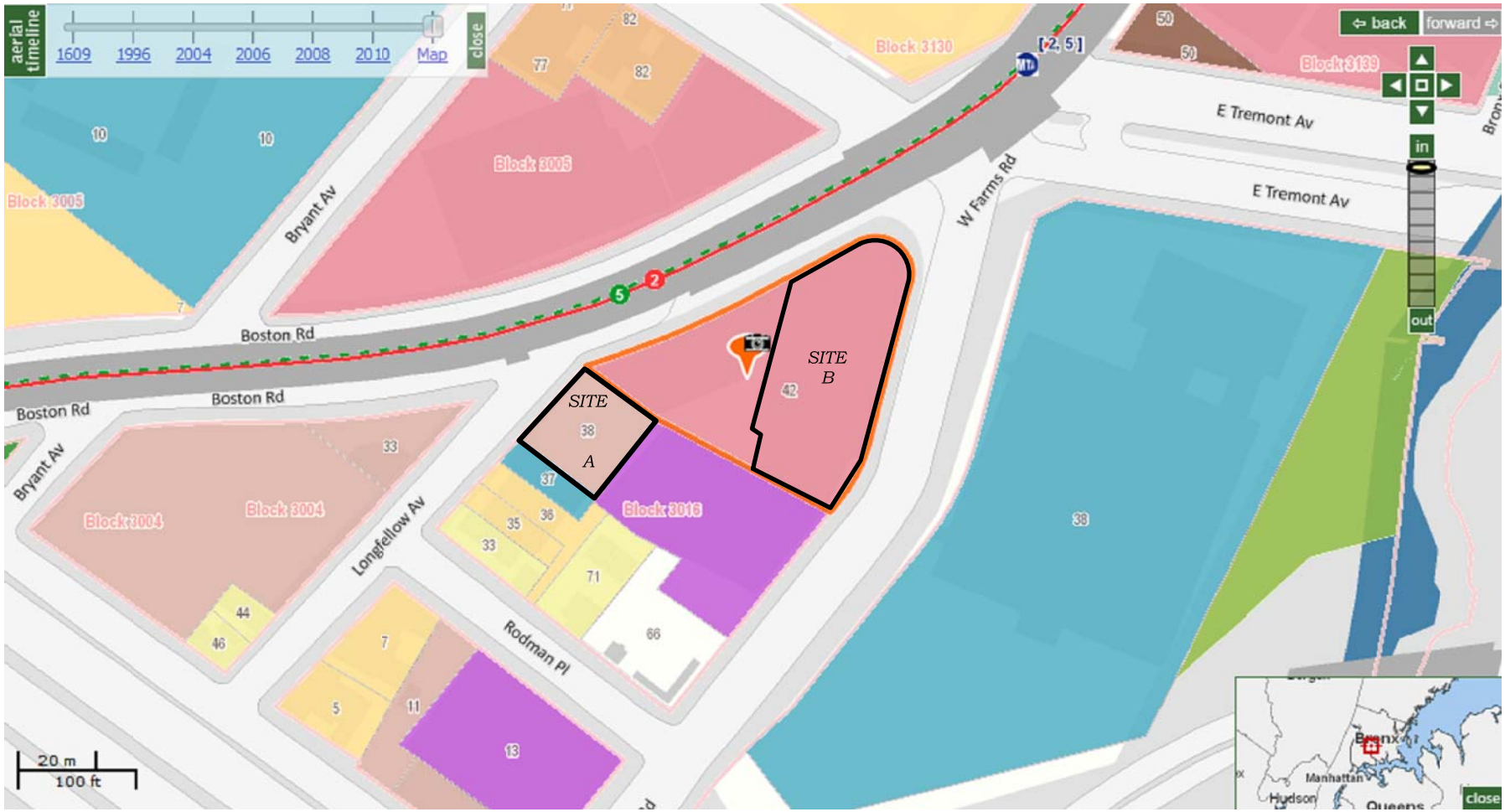
Reviewed By:	M.R
Approved By:	M.S
Date:	06/05/13
Scale:	AS NOTED

TITLE:

FIGURE 1: SITE LOCATION



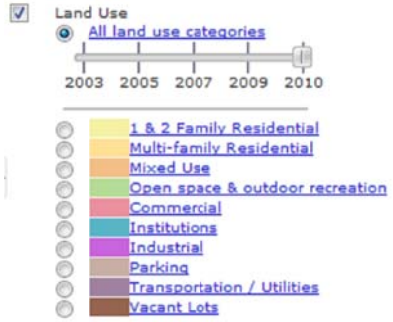


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FIGURE 2: SITE BOUNDARY AND LANDUSE

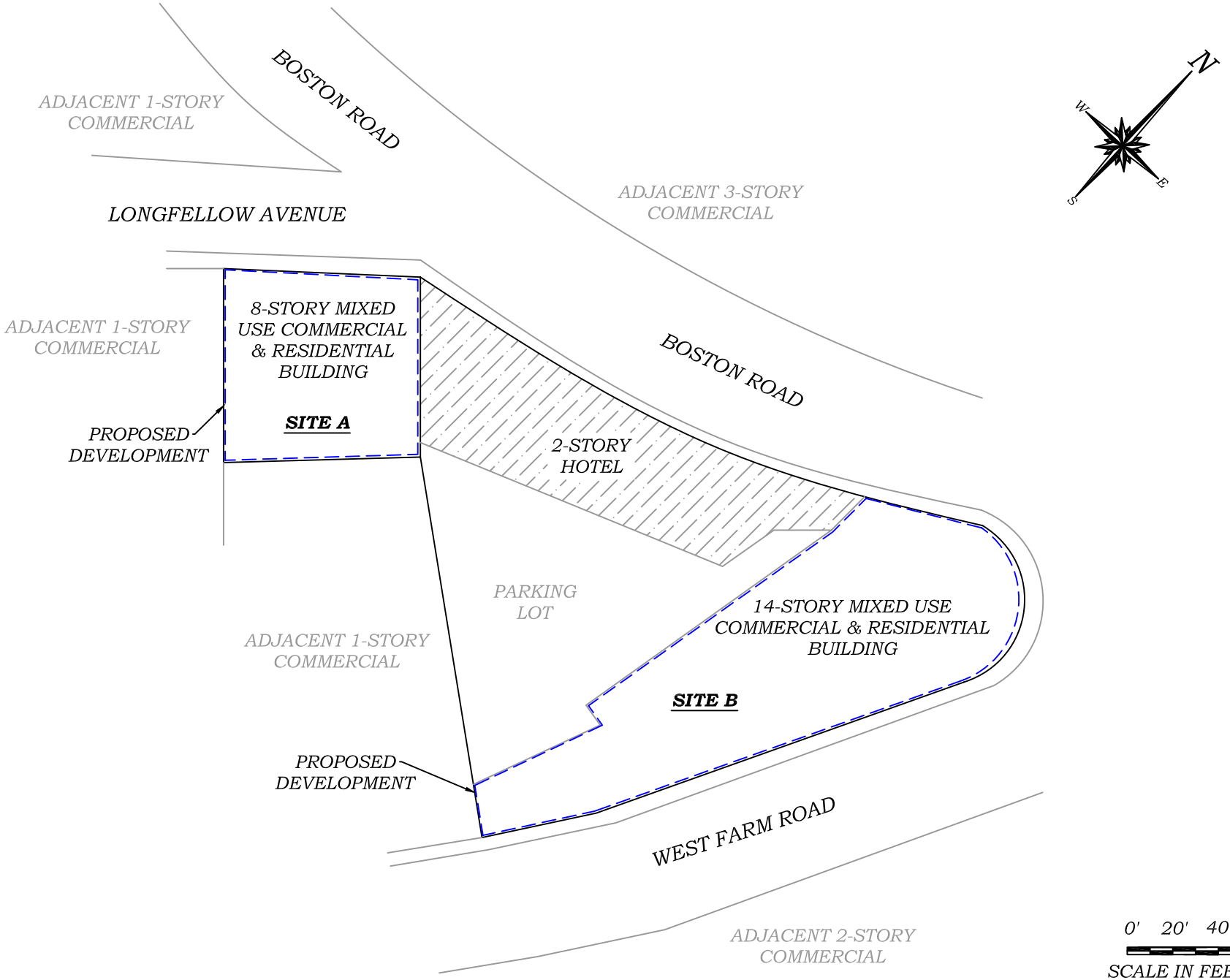

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FIGURE 3: LAYOUT OF PROPOSED DEVELOPMENT

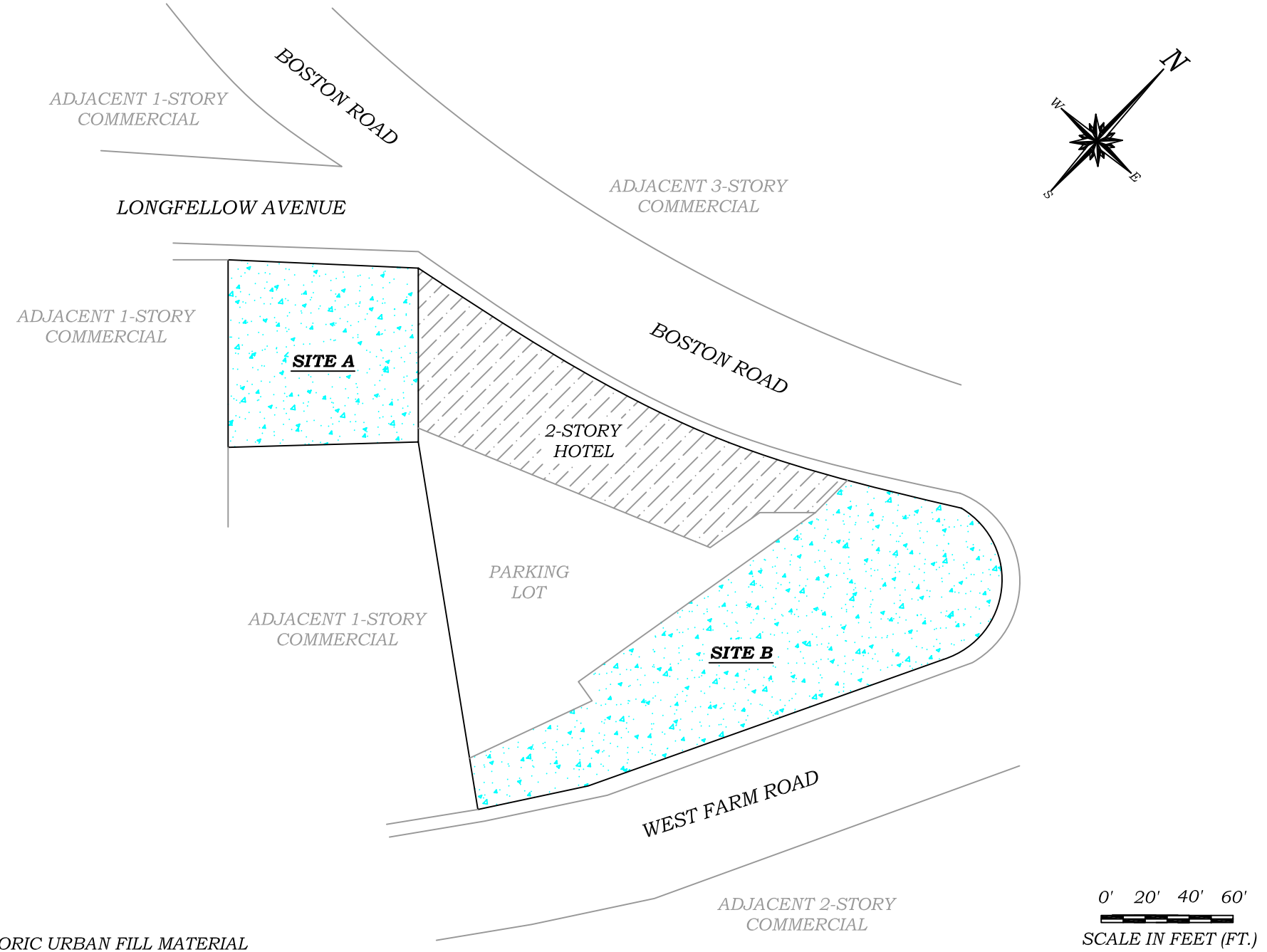

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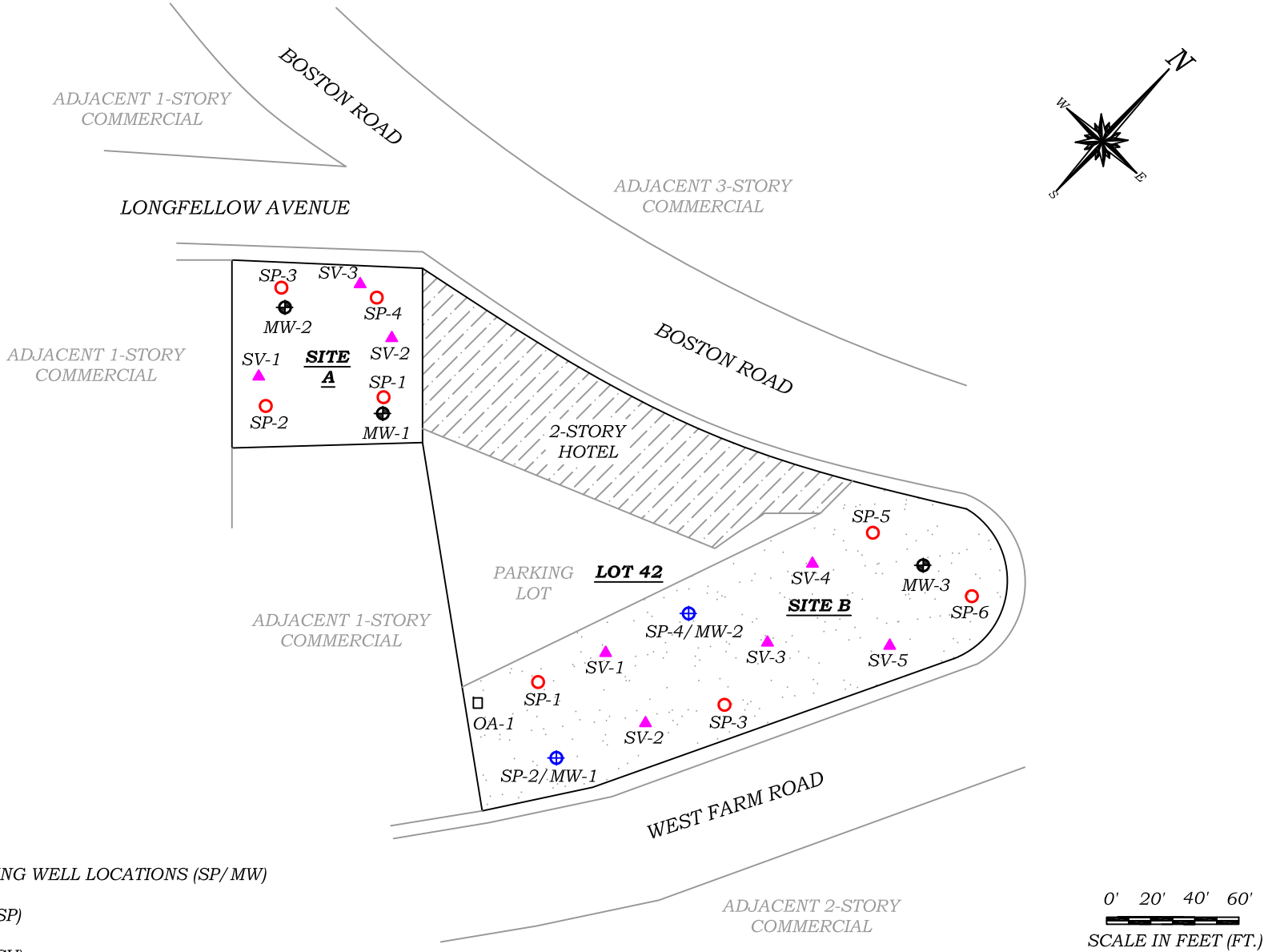
FIGURE 4: AREAS OF CONCERN



LEGEND:

- *SOIL PROBE / MONITORING WELL LOCATIONS (SP/MW)*
- *SOIL PROBE LOCATION (SP)*
- *SOIL VAPOR LOCATION (SV)*
- *MONITORING WELL LOCATION (MW)*
- *OUTDOOR AIR SAMPLE (OA)*

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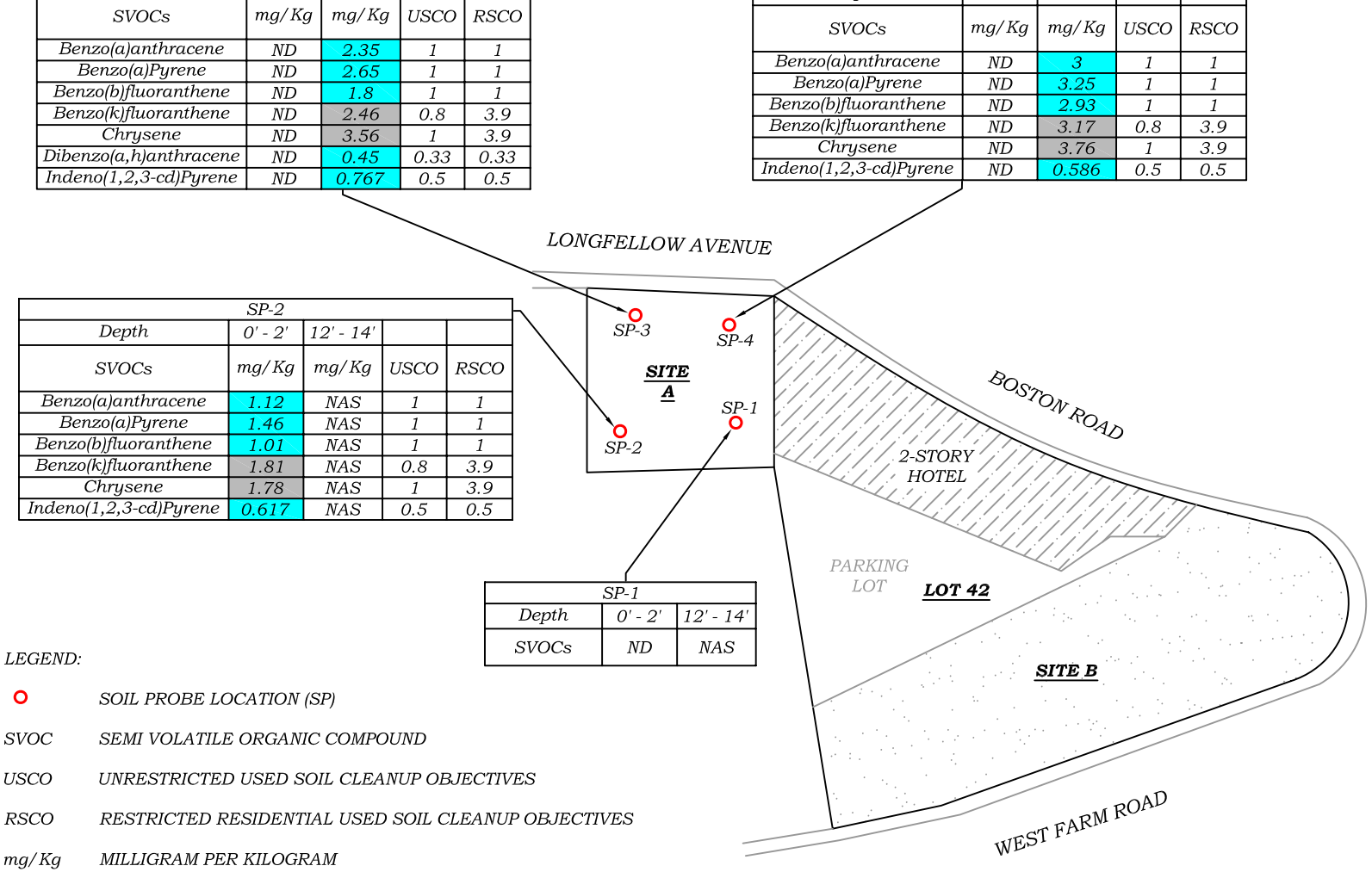
FIGURE 5: SITE & SAMPLING PLAN

SP-3				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	ND	2.35	1	1
Benzo(a)Pyrene	ND	2.65	1	1
Benzo(b)fluoranthene	ND	1.8	1	1
Benzo(k)fluoranthene	ND	2.46	0.8	3.9
Chrysene	ND	3.56	1	3.9
Dibenzo(a,h)anthracene	ND	0.45	0.33	0.33
Indeno(1,2,3-cd)Pyrene	ND	0.767	0.5	0.5

SP-4				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	ND	3	1	1
Benzo(a)Pyrene	ND	3.25	1	1
Benzo(b)fluoranthene	ND	2.93	1	1
Benzo(k)fluoranthene	ND	3.17	0.8	3.9
Chrysene	ND	3.76	1	3.9
Indeno(1,2,3-cd)Pyrene	ND	0.586	0.5	0.5

SP-2				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.12	NAS	1	1
Benzo(a)Pyrene	1.46	NAS	1	1
Benzo(b)fluoranthene	1.01	NAS	1	1
Benzo(k)fluoranthene	1.81	NAS	0.8	3.9
Chrysene	1.78	NAS	1	3.9
Indeno(1,2,3-cd)Pyrene	0.617	NAS	0.5	0.5

SP-1		
Depth	0' - 2'	12' - 14'
SVOCs	ND	NAS



LEGEND:

○	SOIL PROBE LOCATION (SP)
SVOC	SEMI VOLATILE ORGANIC COMPOUND
USCO	UNRESTRICTED USED SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED RESIDENTIAL USED SOIL CLEANUP OBJECTIVES
mg/Kg	MILLIGRAM PER KILOGRAM
NAS	NONE ABOVE STANDARDS
ND	NONE DETECTED
	BLUE SHADED VALUES EXCEED RSCO
	GRAY SHADED VALUES EXCEED USCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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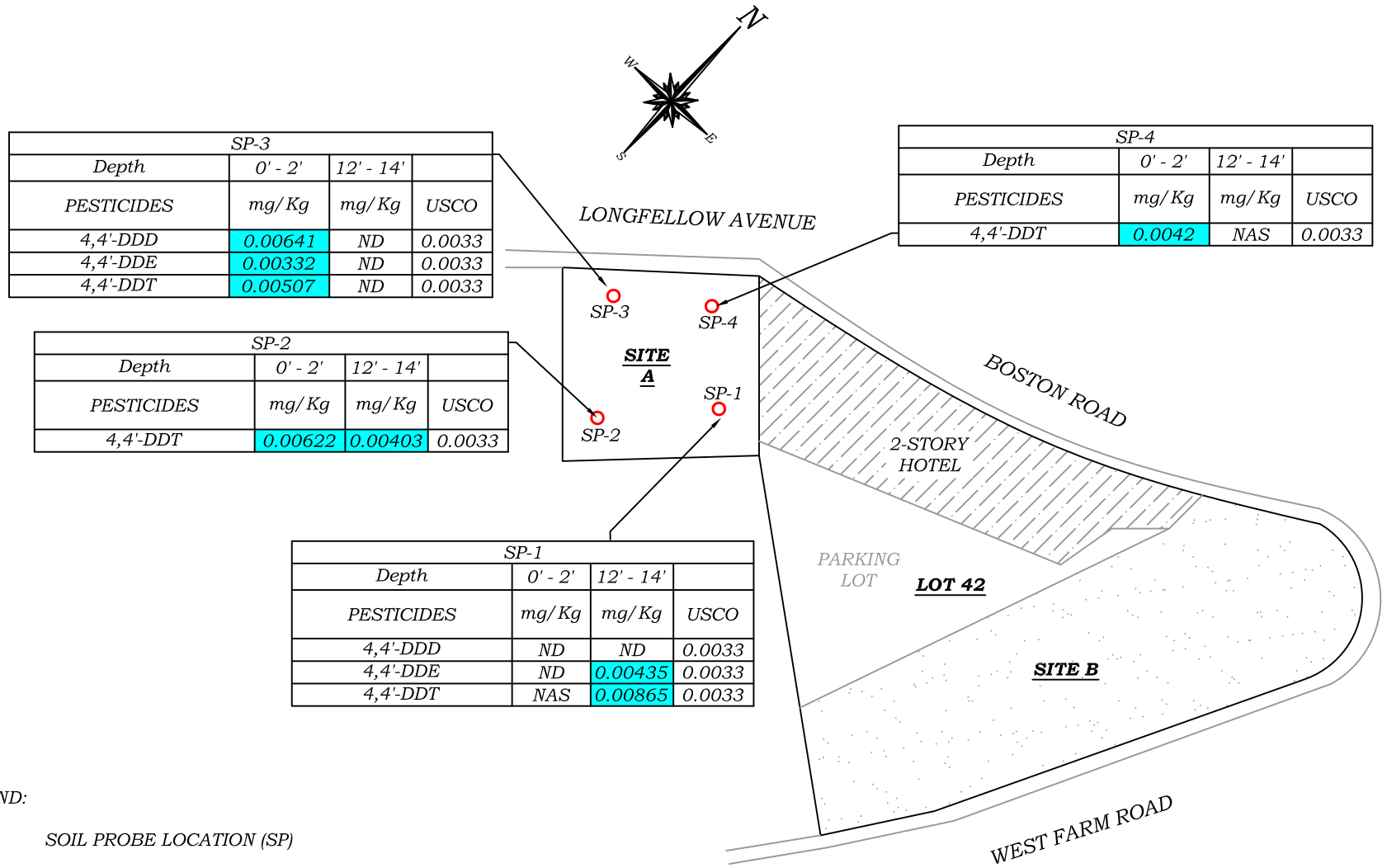
FIGURE 6: SITE A VOCs IN SOIL



SP-3			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	0.00641	ND	0.0033
4,4'-DDE	0.00332	ND	0.0033
4,4'-DDT	0.00507	ND	0.0033

SP-4			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDT	0.0042	NAS	0.0033

SP-2			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDT	0.00622	0.00403	0.0033

SP-1			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	ND	ND	0.0033
4,4'-DDE	ND	0.00435	0.0033
4,4'-DDT	NAS	0.00865	0.0033

LEGEND:

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

0' 20' 40' 60'

SCALE IN FEET (FT.)

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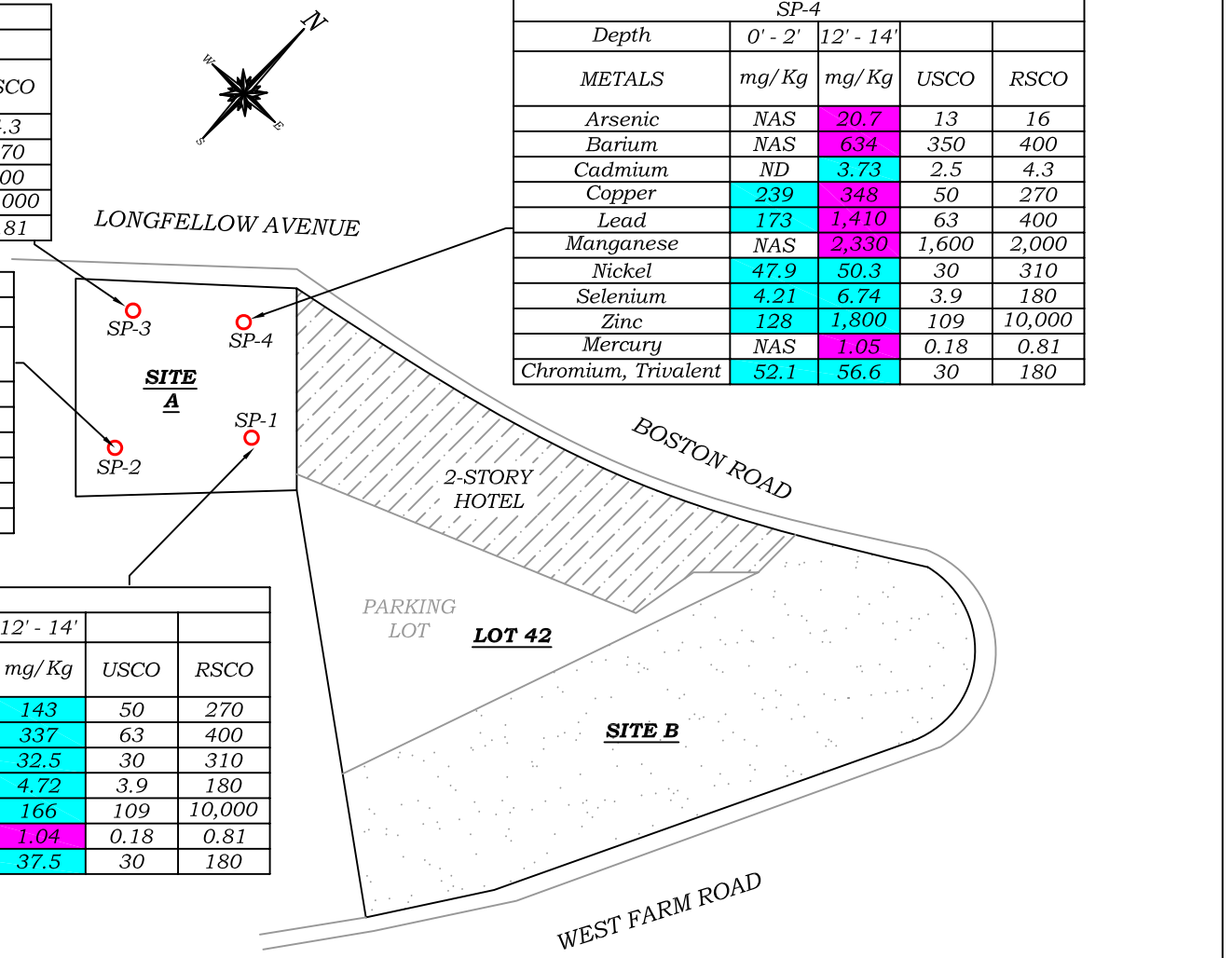
FIGURE 7: SITE A PESTICIDES IN SOIL

SP-3				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Cadmium	ND	3	2.5	4.3
Copper	55.6	79.9	50	270
Lead	111	481	63	400
Zinc	193	821	109	10,000
Mercury	0.449	2.86	0.18	0.81

SP-2				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	166	NAS	50	270
Lead	181	110	63	400
Nickel	40	NAS	30	310
Selenium	4.3	NAS	3.9	180
Mercury	0.213	NAS	0.18	0.81
Chromium, Trivalent	43.2	NAS	30	180

SP-1				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	NAS	143	50	270
Lead	NAS	337	63	400
Nickel	30.9	32.5	30	310
Selenium	NAS	4.72	3.9	180
Zinc	NAS	166	109	10,000
Mercury	NAS	1.04	0.18	0.81
Chromium, Trivalent	32.3	37.5	30	180

SP-4				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Arsenic	NAS	20.7	13	16
Barium	NAS	634	350	400
Cadmium	ND	3.73	2.5	4.3
Copper	239	348	50	270
Lead	173	1,410	63	400
Manganese	NAS	2,330	1,600	2,000
Nickel	47.9	50.3	30	310
Selenium	4.21	6.74	3.9	180
Zinc	128	1,800	109	10,000
Mercury	NAS	1.05	0.18	0.81
Chromium, Trivalent	52.1	56.6	30	180



LEGEND:

○	SOIL PROBE LOCATION (SP)
USCO	UNRESTRICTED USED SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED RESIDENTIAL USED SOIL CLEANUP OBJECTIVES
mg/Kg	MILLIGRAMS PER KILOGRAMS
NAS	NONE ABOVE STANDARDS
ND	NONE DETECTED
	BLUE SHADED VALUES EXCEED USCO
	RED SHADED VALUES EXCEED RSCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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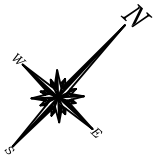
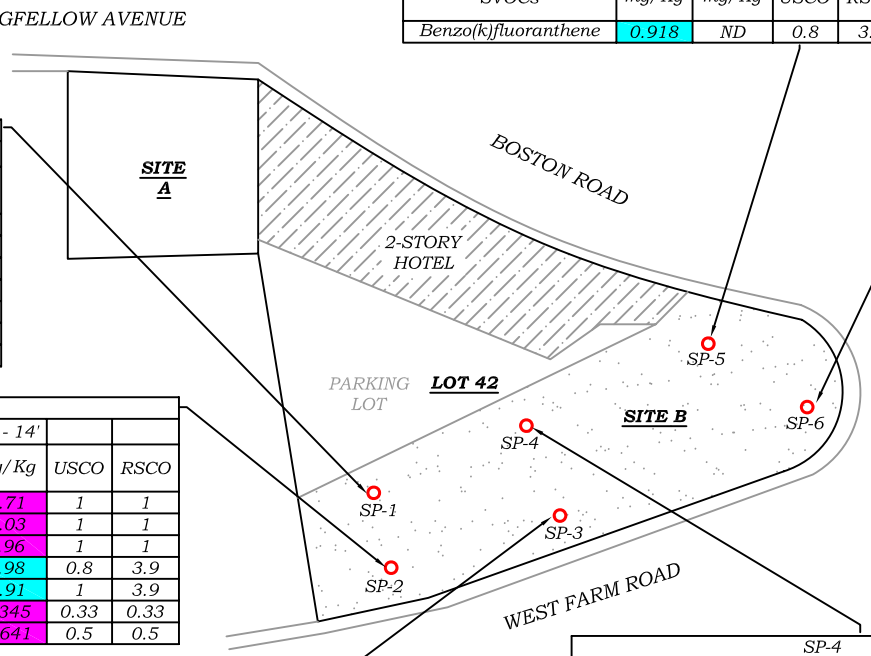
FIGURE 8: SITE A METALS IN SOIL

LEGEND:

○	SOIL PROBE LOCATION (SP)
SVOC	SEMI VOLATILE ORGANIC COMPOUND
mg/Kg	MILLIGRAMS PER KILOGRAM
NAS	NONE ABOVE STANDARDS
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
RSCO	RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVE
	BLUE SHADED VALUES EXCEED USCO
	RED SHADED VALUES EXCEED RSCO





SP-1				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.48	28.4	1	1
Benzo(a)Pyrene	2.12	27.5	1	1
Benzo(b)fluoranthene	1.6	20.1	1	1
Benzo(k)fluoranthene	2.08	23.7	0.8	3.9
Chrysene	2.13	26.2	1	3.9
Dibenzo(a,h)anthracene	0.465	8.4	0.33	0.33
Indeno(1,2,3-cd)Pyrene	1.29	16.5	0.5	0.5

SP-2				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	3.54	1.71	1	1
Benzo(a)Pyrene	4.74	2.03	1	1
Benzo(b)fluoranthene	3.43	1.96	1	1
Benzo(k)fluoranthene	3.44	1.98	0.8	3.9
Chrysene	4.62	1.91	1	3.9
Dibenzo(a,h)anthracene	0.875	0.345	0.33	0.33
Indeno(1,2,3-cd)Pyrene	2.14	0.641	0.5	0.5

SP-3				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	4.63	ND	1	1
Benzo(a)Pyrene	2.81	ND	1	1
Benzo(b)fluoranthene	3.72	ND	1	1
Benzo(k)fluoranthene	4.21	ND	0.8	3.9
Chrysene	4.13	ND	1	3.9
Dibenzo(a,h)anthracene	0.342	ND	0.33	0.33
Indeno(1,2,3-cd)Pyrene	1.32	ND	0.5	0.5

SP-4				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	8.31	ND	1	1
Benzo(a)Pyrene	9.53	ND	1	1
Benzo(b)fluoranthene	10.6	ND	1	1
Benzo(k)fluoranthene	7.24	ND	0.8	3.9
Chrysene	9.97	ND	1	3.9
Dibenzo(a,h)anthracene	0.739	ND	0.33	0.33
Indeno(1,2,3-cd)Pyrene	5.94	ND	0.5	0.5

SP-5				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(k)fluoranthene	0.918	ND	0.8	3.9

SP-6				
Depth	0' - 2'	12' - 14'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Acenaphthylene	21	ND	20	100
Benzo(a)anthracene	63.5	2.57	1	1
Benzo(a)Pyrene	59.1	2.22	1	1
Benzo(b)fluoranthene	44.1	2.16	1	1
Benzo(k)fluoranthene	53.3	1.96	0.8	3.9
Chrysene	58.5	2.29	1	3.9
Dibenzofuran	13.5	ND	7	14
Fluoranthene	137	NAS	100	100
Indeno(1,2,3-cd)Pyrene	26.7	1.18	0.5	0.5
Naphthalene	17.1	NAS	12	100
Phenanthrene	132	NAS	100	100
Pyrene	102	NAS	100	100

0' 20' 40' 60'

SCALE IN FEET (FT.)

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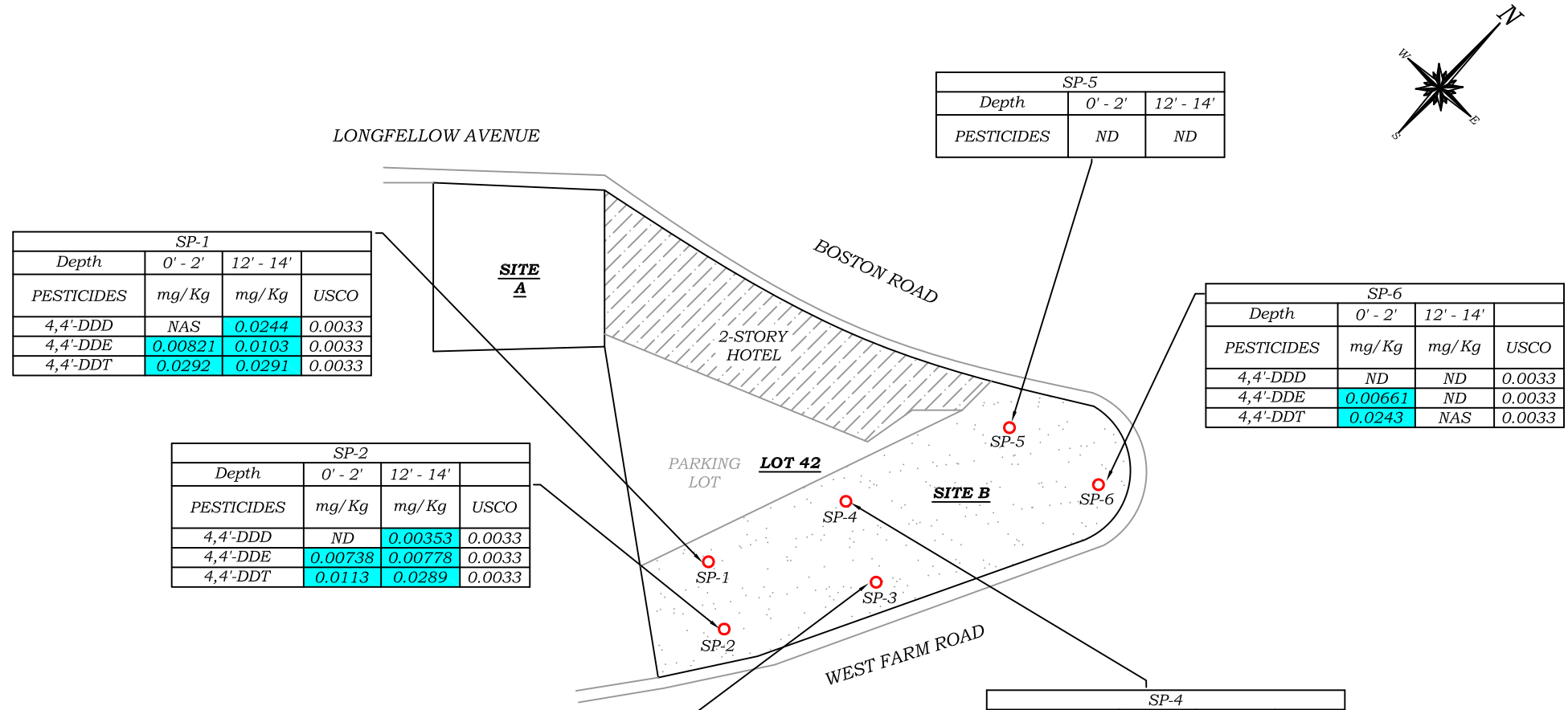
Bronx, NY
HTE Job# 130146

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 09/09/13
Scale: AS NOTED

TITLE:

FIGURE 9: SITE B SVOCs IN SOIL



SP-1			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	NAS	0.0244	0.0033
4,4'-DDE	0.00821	0.0103	0.0033
4,4'-DDT	0.0292	0.0291	0.0033

SP-2			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	ND	0.00353	0.0033
4,4'-DDE	0.00738	0.00778	0.0033
4,4'-DDT	0.0113	0.0289	0.0033

SP-3			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	ND	ND	0.0033
4,4'-DDE	0.00579	ND	0.0033
4,4'-DDT	0.00421	ND	0.0033

SP-4			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	ND	ND	0.0033
4,4'-DDE	0.00738	ND	0.0033
4,4'-DDT	0.0342	ND	0.0033

SP-5		
Depth	0' - 2'	12' - 14'
PESTICIDES	ND	ND

SP-6			
Depth	0' - 2'	12' - 14'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	ND	ND	0.0033
4,4'-DDE	0.00661	ND	0.0033
4,4'-DDT	0.0243	NAS	0.0033

LEGEND:

○	SOIL PROBE LOCATION (SP)
mg/Kg	MILLIGRAMS PER KILOGRAM
NAS	NONE ABOVE STANDARDS
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
	BLUE SHADED VALUES EXCEED USCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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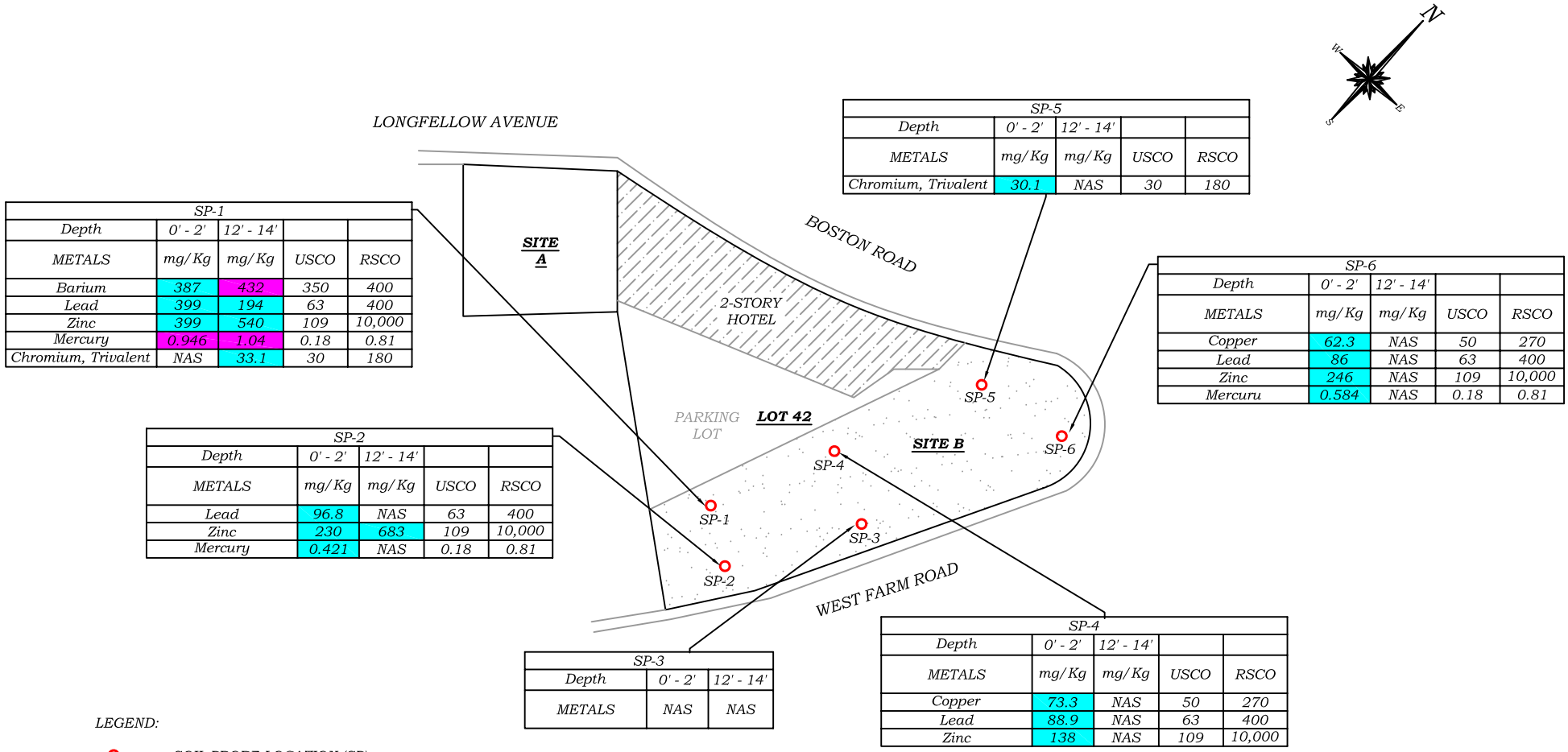
Date: 09/09/13
Scale:

TITLE:

FIGURE 10: SITE B PESTICIDES IN SOIL



SP-1				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Barium	387	432	350	400
Lead	399	194	63	400
Zinc	399	540	109	10,000
Mercury	0.946	1.04	0.18	0.81
Chromium, Trivalent	NAS	33.1	30	180

SP-2				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	96.8	NAS	63	400
Zinc	230	683	109	10,000
Mercury	0.421	NAS	0.18	0.81

SP-3		
Depth	0' - 2'	12' - 14'
METALS	NAS	NAS

SP-4				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	73.3	NAS	50	270
Lead	88.9	NAS	63	400
Zinc	138	NAS	109	10,000

SP-5				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Chromium, Trivalent	30.1	NAS	30	180

SP-6				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	62.3	NAS	50	270
Lead	86	NAS	63	400
Zinc	246	NAS	109	10,000
Mercuru	0.584	NAS	0.18	0.81

LEGEND:

- SOIL PROBE LOCATION (SP)
- mg/Kg — MILLIGRAMS PER KILOGRAM
- NAS — NONE ABOVE STANDARDS
- ND — NONE DETECTED
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVE
- RSCO — RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVE
- BLUE SHADED VALUES EXCEED USCO
- RED SHADED VALUES EXCEED RSCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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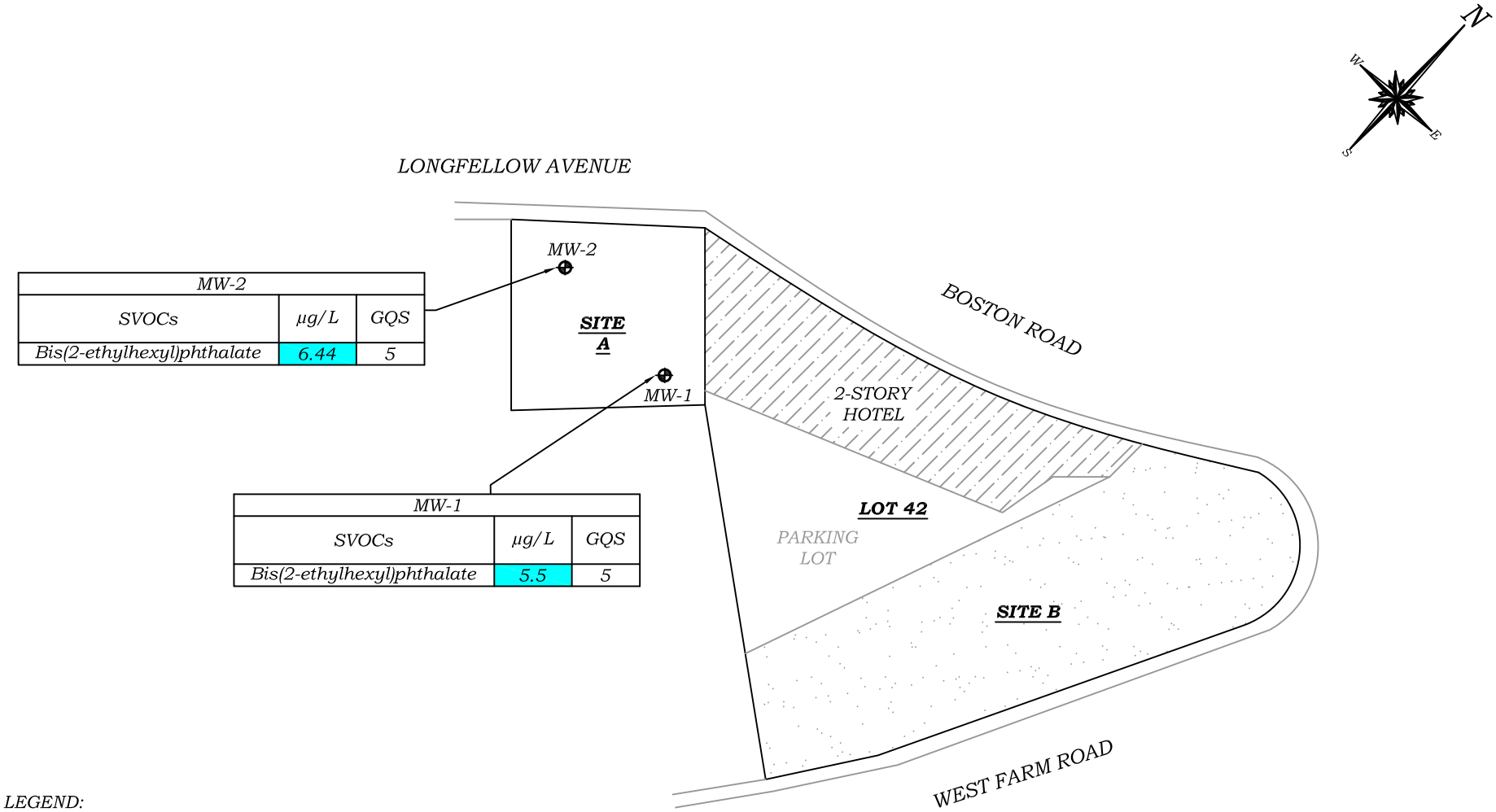
TITLE:

FIGURE 11: SITE B METALS IN SOIL



LEGEND:

⊕	*MONITORING WELL LOCATION (MW)*
SVOC	*SEMI VOLATILE ORGANIC COMPOUNDS*
µg/L	*MICROGRAMS PER LITER*
GQS	*GROUNDWATER QUALITY STANDARDS*
	SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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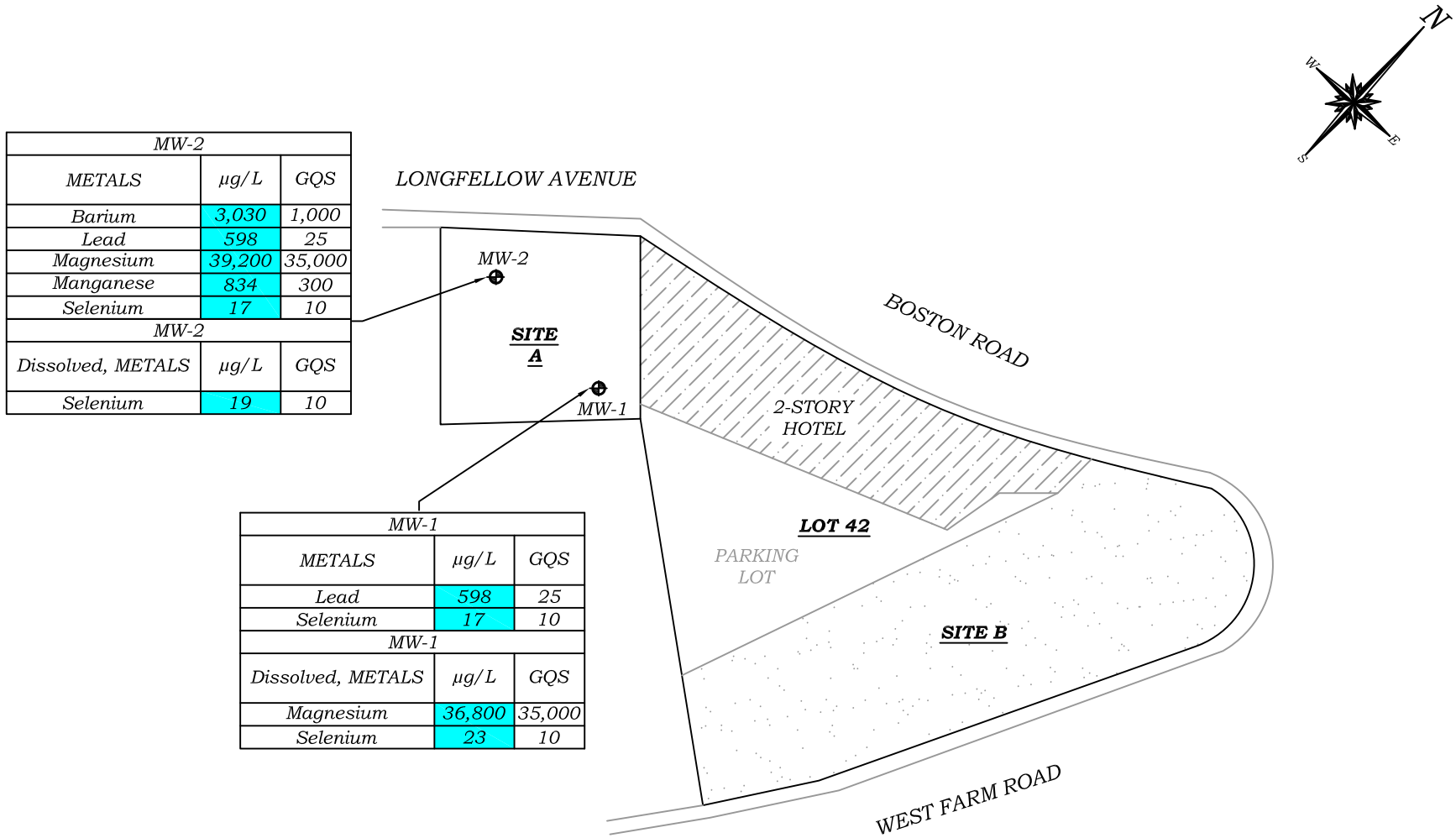
Scale:

TITLE:

FIGURE 12: SITE A SVOCs IN GROUNDWATER



MW-2		
METALS	µg/L	GQS
Barium	3,030	1,000
Lead	598	25
Magnesium	39,200	35,000
Manganese	834	300
Selenium	17	10
MW-2		
Dissolved, METALS	µg/L	GQS
Selenium	19	10

MW-1		
METALS	µg/L	GQS
Lead	598	25
Selenium	17	10
MW-1		
Dissolved, METALS	µg/L	GQS
Magnesium	36,800	35,000
Selenium	23	10

LEGEND:

⊕ MONITORING WELL LOCATION (MW)

µg/L MICROGRAMS PER LITER

GQS GROUNDWATER QUALITY STANDARDS

SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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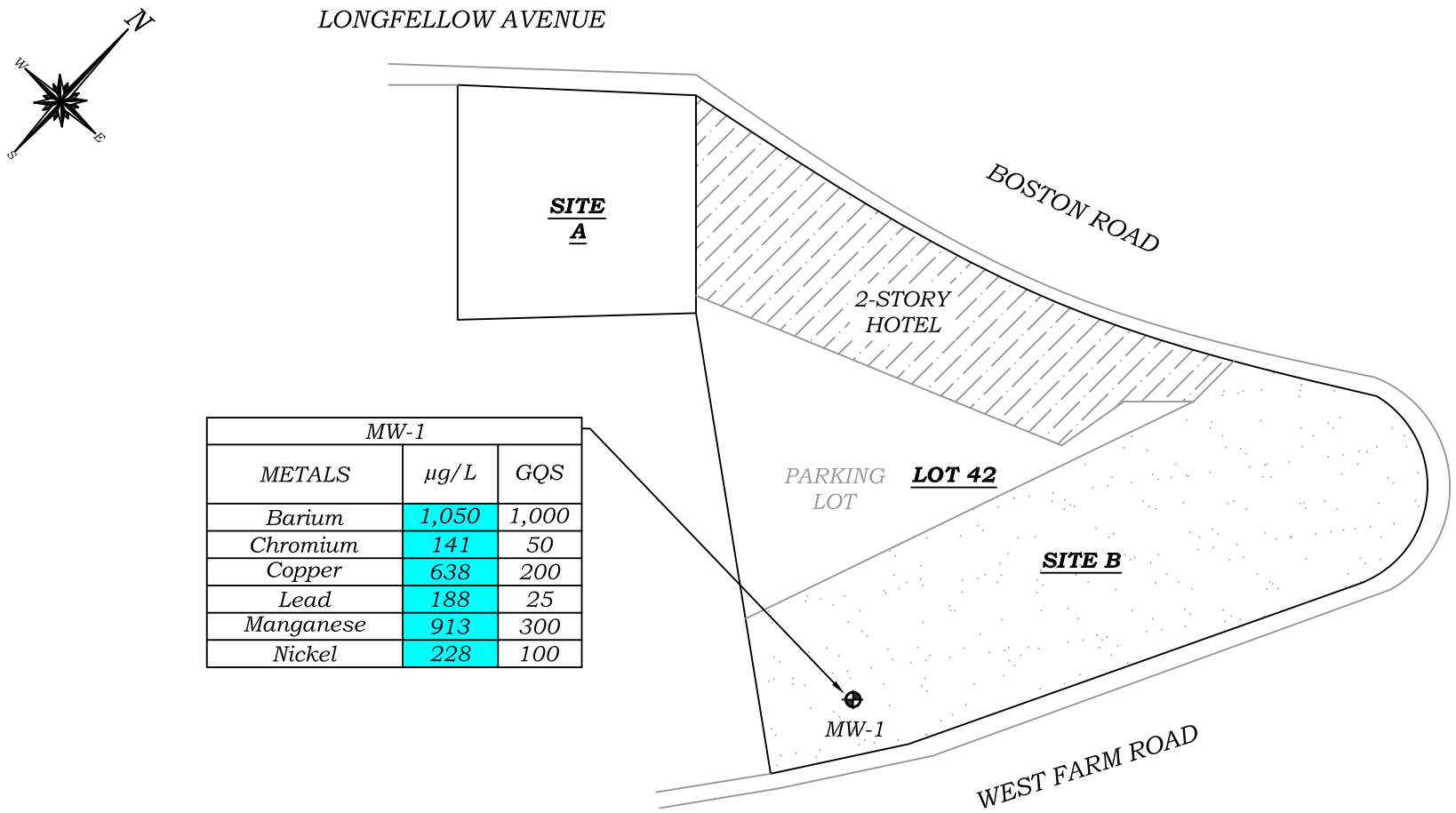
Scale:

TITLE:

FIGURE 13: SITE A METALS IN GROUNDWATER



MW-1		
METALS	µg/L	GQS
Barium	1,050	1,000
Chromium	141	50
Copper	638	200
Lead	188	25
Manganese	913	300
Nickel	228	100

LEGEND:

⊕ MONITORING WELL LOCATION (MW)

µg/L MICROGRAMS PER LITER

GQS GROUNDWATER QUALITY STANDARDS

SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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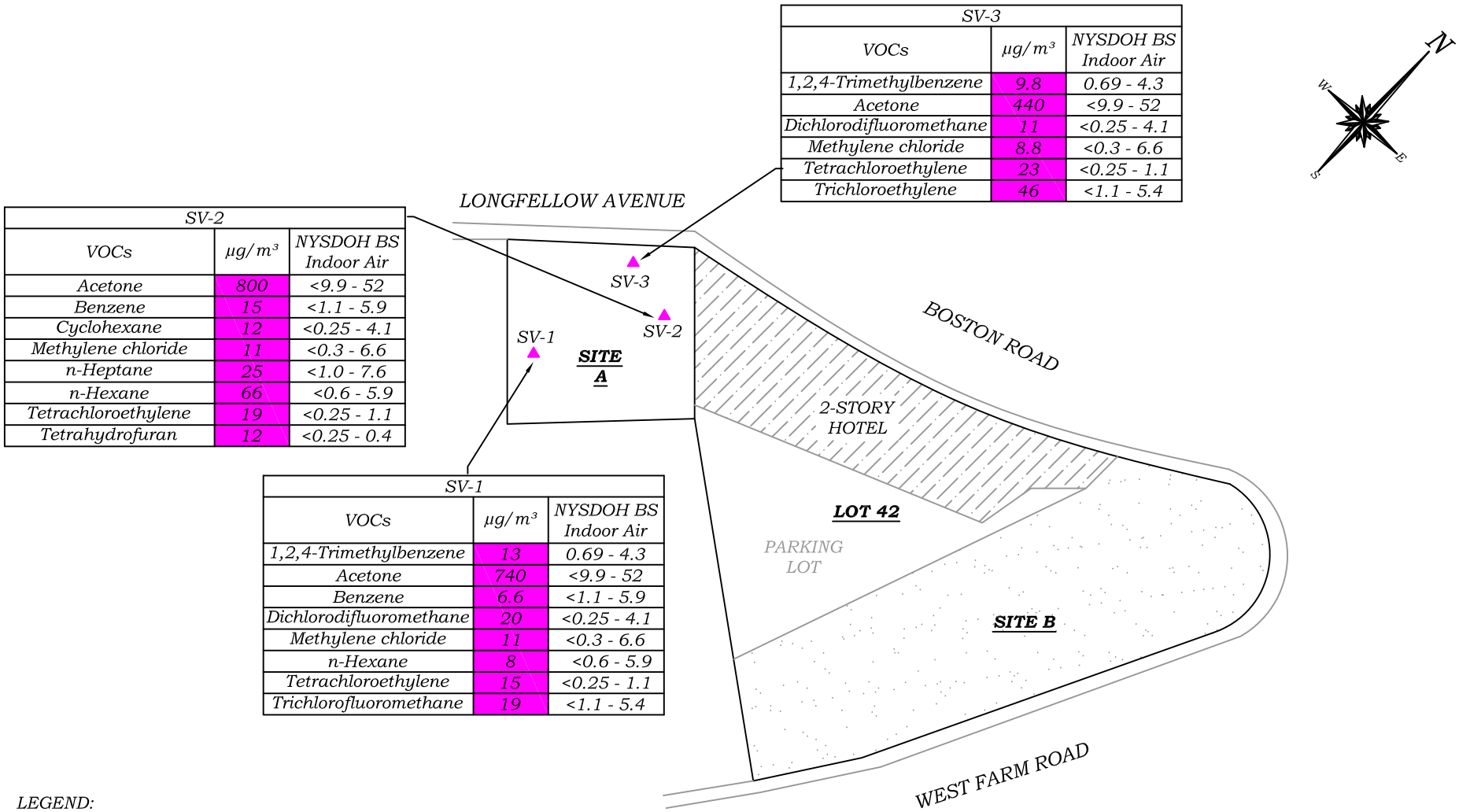
FIGURE 14: SITE B METALS IN GROUNDWATER



LEGEND:

▲	*SOIL VAPOR LOCATION (SV)*
VOC	*VOLATILE ORGANIC COMPOUNDS*
µg/m³	*MICROGRAMS PER CUBIC METER*
NYSDOH	*NEW YORK STATE DEPT. OF HEALTH*
BS	*BACKGROUND STANDARD*
▬	*SHADED VALUES EXCEED BS*

0' 20' 40' 60'

SCALE IN FEET (FT.)

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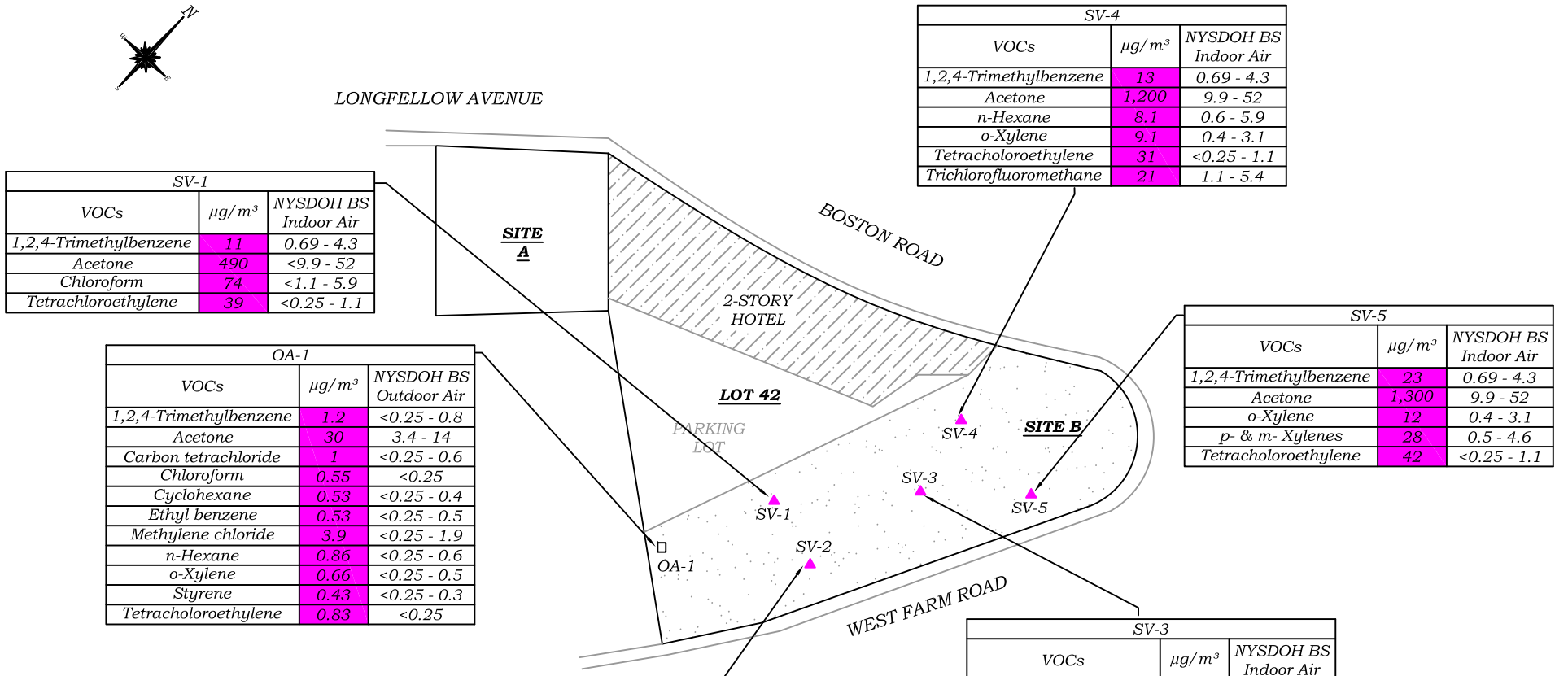
Date: 09/09/13
Scale:

TITLE:

FIGURE 15: SITE A VOCs IN SOIL VAPOR



SV-1		
VOCs	µg/m³	NYSDOH BS Indoor Air
1,2,4-Trimethylbenzene	11	0.69 - 4.3
Acetone	490	<9.9 - 52
Chloroform	74	<1.1 - 5.9
Tetrachloroethylene	39	<0.25 - 1.1

SV-4		
VOCs	µg/m³	NYSDOH BS Indoor Air
1,2,4-Trimethylbenzene	13	0.69 - 4.3
Acetone	1,200	9.9 - 52
n-Hexane	8.1	0.6 - 5.9
o-Xylene	9.1	0.4 - 3.1
Tetracholoroethylene	31	<0.25 - 1.1
Trichlorofluoromethane	21	1.1 - 5.4

SV-5		
VOCs	µg/m³	NYSDOH BS Indoor Air
1,2,4-Trimethylbenzene	23	0.69 - 4.3
Acetone	1,300	9.9 - 52
o-Xylene	12	0.4 - 3.1
p- & m- Xylenes	28	0.5 - 4.6
Tetracholoroethylene	42	<0.25 - 1.1

OA-1		
VOCs	µg/m³	NYSDOH BS Outdoor Air
1,2,4-Trimethylbenzene	1.2	<0.25 - 0.8
Acetone	30	3.4 - 14
Carbon tetrachloride	1	<0.25 - 0.6
Chloroform	0.55	<0.25
Cyclohexane	0.53	<0.25 - 0.4
Ethyl benzene	0.53	<0.25 - 0.5
Methylene chloride	3.9	<0.25 - 1.9
n-Hexane	0.86	<0.25 - 0.6
o-Xylene	0.66	<0.25 - 0.5
Styrene	0.43	<0.25 - 0.3
Tetracholoroethylene	0.83	<0.25

SV-2		
VOCs	µg/m³	NYSDOH BS Indoor Air
Acetone	190	<9.9 - 52
Methylene chloride	250	<0.3 - 6.6

SV-3		
VOCs	µg/m³	NYSDOH BS Indoor Air
1,2,4-Trimethylbenzene	12	0.69 - 4.3
Acetone	760	9.9 - 52
Chloroform	25	<0.25 - 0.5
Methyl tert-butyl ether	10	<0.25 - 5.6
Methylene chloride	29	0.3 - 6.6
n-Heptane	21	1.0 - 7.6
n-Hexane	58	0.6 - 5.9
o-Xylene	13	0.4 - 3.1
p- & m- Xylenes	23	0.5 - 4.6
Tetracholoroethylene	68	<0.25 - 1.1
Toluene	26	3.5 - 25
Trichlorofluoromethane	37	1.1 - 5.4

LEGEND:

▲ SOIL VAPOR LOCATION (SV)

□ OUTDOOR AIR SAMPLE (OA)

VOC VOLATILE ORGANIC COMPOUNDS

µg/m³ MICROGRAMS PER CUBIC METER

NYSDOH NEW YORK STATE DEPT. OF HEALTH

BS BACKGROUND STANDARD

SHADED VALUES EXCEED BS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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FIGURE 16: SITE B VOCs IN SOIL VAPOR

Tables

Table 1
Groundwater Elevation Surveying Details - August 2013
1926 Longfellow Avenue and 1939 West Farm Road, Bronx NY

Monitoring Well (MW)	Shot (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Benchmark	Groundwater Elevation (Feet)
Site A - 1926 Longfellow Avenue					
MW-1	5.82	ND	16.61	30	7.57
MW-2	5.04	ND	18.17	30	6.79
Site B - 1936 West Farms Road					
MW-1	5.50	ND	18.47	30	6.03
MW-2	3.36	ND	DRY	30	----
MW-3	1.90	ND	DRY	30	----

ND.....None Detected

Table 2
Soil Analytical Results - Volatile Organic Compounds
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/Kg	mg/Kg
Volatile Organics, 8260 List																		
1,1,1,2-Tetrachloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,1,1-Trichloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.68	100
1,1,2,2-Tetrachloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,1,2-Trichloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,1-Dichloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.27	26
1,1-Dichloroethylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.33	100
1,1-Dichloropropylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,2,3-Trichlorobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,2,3-Trichloropropane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,2,4-Trichlorobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,2,4-Trimethylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		3.6	52
1,2-Dibromo-3-chloropropane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,2-Dibromoethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,2-Dichlorobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		1.1	100
1,2-Dichloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.02	3.1
1,2-Dichloropropane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,3,5-Trimethylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		8.4	52
1,3-Dichlorobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		2.4	49
1,3-Dichloropropane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
1,4-Dichlorobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		1.8	13
1,4-Dioxane	<0.052		<0.055		<0.049		<0.051		<0.051		<0.058		<0.053		<0.055		0.1	13
2,2-Dichloropropane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
2-Butanone	<0.0026		<0.0027		**0.0043**	J	<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.12	100
2-Chlorotoluene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
4-Chlorotoluene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Acetone	<0.0026		<0.0027		**0.02**		<0.0025		**0.0061**	J	<0.0029		<0.0026		<0.0028		0.05	100
Benzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.06	4.8
Bromobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Bromochloromethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Bromodichloromethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Bromoform	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Bromomethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Carbon tetrachloride	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.76	2.4
Chlorobenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		1.1	100
Chloroethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Chloroform	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.37	49
Chloromethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
cis-1,2-Dichloroethylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.25	100
cis-1,3-Dichloropropylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Dibromochloromethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Dibromomethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Dichlorodifluoromethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Ethyl Benzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		1	41
Hexachlorobutadiene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Isopropylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Methyl tert-butyl ether (MTBE)	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.93	100
Methylene chloride	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.05	100
n-Butylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		12	100
n-Propylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		3.9	100
Naphthalene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		12	NS
o-Xylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
p- & m- Xylenes	<0.0052		<0.0055		<0.0049		<0.0051		<0.0051		<0.0058		<0.0053		<0.0055		NS	NS
p-Isopropyltoluene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
sec-Butylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		11	100
Styrene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
tert-Butylbenzene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		5.9	100
Tetrachloroethylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		**0.006**		1.3	19
Toluene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.7	100
trans-1,2-Dichloroethylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.19	100
trans-1,3-Dichloropropylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Trichloroethylene	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.47	21
Trichlorofluoromethane	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Vinyl acetate	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		NS	NS
Vinyl Chloride	<0.0026		<0.0027		<0.0025		<0.0025		<0.0025		<0.0029		<0.0026		<0.0028		0.02	0.9
Total VOCs	0		0		0.0243		0		0.0061		0		0		0.006		NS	NS

NOTES:
Gray shading indicates exceedance of Unrestricted SCO

Less than sign indicates analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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
NT=this indicates the analyte was not a target for this sample
NS=this indicates that no regulatory limit has been established for this analyte

Table 3
Soil Analytical Results - Semi-Volatile Organic Compounds
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/Kg	mg/Kg
Semi-Volatiles, 8270 Target List																		
1,2,4-Trichlorobenzene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
1,2-Dichlorobenzene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		1.1	100
1,3-Dichlorobenzene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		2.4	17
1,4-Dichlorobenzene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		1.8	9.8
2,4,5-Trichlorophenol	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2,4,6-Trichlorophenol	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2,4-Dichlorophenol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
2,4-Dimethylphenol	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2,4-Dinitrophenol	<1.42		<1.49		<1.38		<0.274		<1.39		<1.37		<1.39		<1.6		NS	NS
2,4-Dinitrotoluene	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
2,6-Dinitrotoluene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2-Chloronaphthalene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2-Chlorophenol	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2-Methylnaphthalene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2-Methylphenol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		0.33	100
2-Nitroaniline	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
2-Nitrophenol	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
3,3'-Dichlorobenzidine	<1.42		<1.49		<1.38		<0.274		<1.39		<1.37		<1.39		<1.6		NS	NS
3- & 4-Methylphenols	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
3-Nitroaniline	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
4,6-Dinitro-2-methylphenol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
4-Bromophenyl phenyl ether	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
4-Chloro-3-methylphenol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
4-Chloroaniline	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
4-Chlorophenyl phenyl ether	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
4-Nitroaniline	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
4-Nitrophenol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
Acenaphthene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		**0.528**	**J,D**	20	100
Acenaphthylene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		**0.643**	**J,D**	100	100
Aniline	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Anthracene	<0.356		<0.374		<0.347		<0.0688		<0.35		**0.748**	**J,D**	<0.349		**1.52**	**J,D**	100	100
Benzo(a)anthracene	<0.356		<0.374		**1.12**	**J,D**	**0.198**	**J**	<0.35		**2.35**	**D**	<0.349		**3**	**D**	1	1
Benzo(a)pyrene	<0.356		<0.374		**1.46**	**D**	**0.239**	**J**	<0.35		**2.65**	**D**	<0.349		**3.25**	**D**	1	1
Benzo(b)fluoranthene	<0.356		<0.374		**1.01**	**J,D**	**0.248**	**J**	<0.35		**1.8**	**D**	<0.349		**2.93**	**D**	1	1
Benzo(g,h,i)perylene	<0.712		<0.748		**0.735**	**J,D**	0.138		<0.7		<0.691		<0.697		<0.807		100	100
Benzo(k)fluoranthene	<0.356		**0.386**	**J,D**	**1.81**	**D**	**0.259**	**J**	<0.35		**2.46**	**D**	<0.349		**3.17**	**D**	0.8	3.9
Benzyl alcohol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
Benzyl butyl phthalate	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Bis(2-chloroethoxy)methane	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Bis(2-chloroethyl)ether	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Bis(2-chloroisopropyl)ether	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Bis(2-ethylhexyl)phthalate	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		**0.765**	**J,D**	NS	NS
Chrysene	<0.356		<0.374		**1.78**	**D**	**0.282**		<0.35		**3.56**	**D**	<0.349		**3.76**	**D**	1	3.9
Di-n-butyl phthalate	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Di-n-octyl phthalate	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Dibenzo(a,h)anthracene	<0.356		<0.374		<0.347		<0.0688		<0.35		**0.45**	**J,D**	<0.349		<0.403		0.33	0.33
Dibenzofuran	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		**0.487**	**J,D**	7	14
Diethyl phthalate	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Dimethyl phthalate	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Fluoranthene	<0.356		**0.499**	**J,D**	**2.9**	**D**	**0.452**		<0.35		**5.04**	**D**	<0.349		**7.57**	**D**	100	100
Fluorene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		**0.515**	**J,D**	30	100
Hexachlorobenzene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		0.403		0.33	0.33
Hexachlorobutadiene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Hexachlorocyclopentadiene	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
Hexachloroethane	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Indeno(1,2,3-cd)pyrene	<0.356		<0.374		**0.617**	**J,D**	**0.0929**	**J**	<0.35		**0.767**	**J,D**	<0.349		**0.586**	**J,D**	0.5	0.5
Isophorone	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
N-nitroso-di-n-propylamine	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
N-Nitrosodimethylamine	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		NS	NS
N-Nitrosodiphenylamine	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Naphthalene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		**0.851**	**J,D**	12	100
Nitrobenzene	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS
Pentachlorophenol	<0.712		<0.748		<0.694		<0.138		<0.7		<0.691		<0.697		<0.807		0.8	2.4
Phenanthrene	<0.356		<0.374		**1.13**	**J,D**	**0.202**	**J**	<0.35		**2.71**	**D**	<0.349		**5.5**	**D**	100	100
Phenol	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		0.33	100
Pyrene	<0.356		**0.442**	**J,D**	**2.35**	**D**	**0.397**		<0.35		**4.8**	**D**	<0.349		**6.46**	**D**	100	100
Pyridine	<0.356		<0.374		<0.347		<0.0688		<0.35		<0.345		<0.349		<0.403		NS	NS

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
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
D=result is from an analysis that required a dilution
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 4
Soil Analytical Results - Pesticides and PCBs
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/21/2013		8/21/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/Kg	mg/Kg
Pesticides/PCBs, EPA 8081/8082 List																		
4,4'-DDD	<0.00187		<0.00196		<0.00182		<0.0018		**0.00641**	D	<0.00181		<0.00183		<0.00211		0.0033	13
4,4'-DDE	<0.00187		**0.00435**	D	**0.0019**	D	<0.0018		**0.00332**	D	<0.00181		<0.00183		<0.00211		0.0033	8.9
4,4'-DDT	**0.00254**	D	**0.00865**	D	**0.00622**	D	**0.00403**	D	**0.00507**	D	<0.00181		**0.0042**	D	**0.00319**	D	0.0033	7.9
Aldrin	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		0.005	0.097
alpha-BHC	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		0.02	0.48
alpha-Chlordane	<0.00187		<0.00196		**0.00354**	D	<0.0018		**0.00862**	D	<0.00181		<0.00183		<0.00211		NS	4.2
beta-BHC	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	0.36
delta-BHC	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	100
Dieldrin	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	0.2
Endosulfan I	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	24
Endosulfan II	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	24
Endosulfan sulfate	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	24
Endrin	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		0.036	11
Endrin aldehyde	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		NS	NS
Endrin ketone	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		0.04	NS
gamma-BHC (Lindane)	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		0.005	1.3
gamma-Chlordane	<0.00187		<0.00196		**0.00261**	D	<0.0018		**0.00818**	D	<0.00181		<0.00183		<0.00211		2.4	NS
Heptachlor	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		2.4	2.1
Heptachlor epoxide	<0.00187		<0.00196		<0.00182		<0.0018		<0.00183		<0.00181		<0.00183		<0.00211		2.4	NS
Methoxychlor	<0.00933		<0.0098		<0.00908		<0.00901		<0.00916		<0.00905		<0.00913		<0.0106		0.014	NS
Toxaphene	<0.0944		<0.0992		<0.0919		<0.0912		<0.0927		<0.0916		<0.0924		<0.107		NS	NS
Aroclor 1016	<0.0192		<0.0202		<0.0187		<0.0186		<0.0189		<0.0186		<0.0188		<0.0218		NS	NS
Aroclor 1221	<0.0192		<0.0202		<0.0187		<0.0186		<0.0189		<0.0186		<0.0188		<0.0218		0.1	NS
Aroclor 1232	<0.0192		<0.0202		<0.0187		<0.0186		<0.0189		<0.0186		<0.0188		<0.0218		0.042	NS
Aroclor 1242	<0.0192		<0.0202		<0.0187		<0.0186		<0.0189		<0.0186		<0.0188		<0.0218		NS	NS
Aroclor 1248	<0.0192		<0.0202		<0.0187		<0.0186		<0.0189		<0.0186		<0.0188		<0.0218		NS	NS
Aroclor 1254	<0.0192		<0.0202		<0.0187		<0.0186		<0.0189		<0.0186		<0.0188		<0.0218		0.1	NS
Aroclor 1260	<0.0192		<0.0202		**0.0561**		<0.0186		**0.0334**		<0.0186		**0.0270**		<0.0218		NS	NS

NOTES:

Gray shading indicates exceedance of Unrestricted SCO

U=analyte not detected at or above the level indicated

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

D=result is from an analysis that required a dilution

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

Table 5
Soil Analytical Results - Metals
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/Kg	mg/Kg
Aluminum	9980		13100		9360		8440		8250		11300		12200		9300		NS	NS
Antimony	0.797		<0.594		3.55		1.08		1.13		0.861		5.17		15.7		NS	NS
Arsenic	1.78		4.99		7.15		2.51		3.37		7.4		8.85		20.7		13	16
Barium	111		199		112		124		176		293		99.9		634		350	400
Beryllium	<0.113		<0.119		<0.11		<0.109		<0.111		<0.11		<0.111		<0.128		7.2	72
Cadmium	<0.339		<0.356		<0.33		<0.328		<0.333		3		<0.332		3.73		2.5	4.3
Calcium	9470		12700		29800		5580		43200		5690		15300		7130		NS	NS
Chromium	32.3		37.5		43.2		25.2		25		23.8		52.1		56.6		NS	NS
Cobalt	11.6		15.7		12.6		9.78		8.18		9.32		17.6		17.8		NS	NS
Copper	32.7		143		166		38		55.6		79.9		239		348		50	270
Iron	22700		40300		54100	E	17800		20300		25400		81200	E	102000	E	NS	NS
Lead	21.8		337		181		110		111		481		173		1410		63	400
Magnesium	8840		6810		11000		4290		5050		4880		6680		3200		NS	NS
Manganese	339		599		547		325		319		317		898		2330		1600	2000
Nickel	30.9		32.5		40		25.4		20.8		18.9		47.9		50.3		30	310
Potassium	4290		3840		2870		3410		2680		2200		3780		1970		NS	NS
Selenium	2.85		4.72		4.3		2.19		1.85		3.4		4.21		6.74		3.9	180
Silver	<0.565		<0.594		<0.55		<0.546		<0.555		<0.548		<0.553		<0.64		2	180
Sodium	305		370		329		235		409		259		345		584		NS	NS
Thallium	<1.13		<1.19		<1.1		<1.09		<1.11		<1.1		<1.11		<1.28		NS	NS
Vanadium	28.9		42.5		32.5		24		56.2		31.5		40.5		53.8		NS	NS
Zinc	49.1		166		97.2		86.8		193		821		128		1800		109	10,000
Mercury	0.0861		1.04		0.213		0.0571		0.449		2.86		0.107		1.05		0.18	0.81
Chromium, Trivalent	32.3		37.5		43.2		25.2		25		23.8		52.1		56.6		30	180
Chromium, Hexavalent	<0.396		<0.416		<0.385		<0.382		<0.389		<0.384		<0.387		<0.448		1	110

NOTES:
Gray shading indicates exceedance of Unrestricted SCO
Blue shading indicates exceedance of Restricted Residential SCO

U=analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS=this indicates that no regulatory limit has been established for this analyte

Table 6
Groundwater Analytical Results - Volatile Organic Compounds
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID Sampling Date Matrix Units	MW-1 8/23/2013 Water ug/L		MW-2 8/23/2013 Water ug/L		NYSDEC TOGS Standards and Guidance Values - GA Water ug/L
Volatile Organics, 8260 List					
1,1,1,2-Tetrachloroethane	<2.5		<2.5		5
1,1,1-Trichloroethane	<2.5		<2.5		5
1,1,2,2-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	**2.9**	**J**	<2.5		50
2-Chlorotoluene	<2.5		<2.5		5
4-Chlorotoluene	<2.5		<2.5		5
Acetone	**16**		**8.3**		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
Total VOCS	**18.9**		**8.3**		NS

NOTES:
Gray shading indicates exceedance of regulatory standard

Less thank 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 7
Groundwater Analytical Results - Semi-Volatile Organic Compounds
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/23/2013		8/23/2013		
Matrix	Water		Water		Water
Units	ug/L		ug/L		ug/L
Semi-Volatiles, 8270 Target List					
1,2,4-Trichlorobenzene	<2.82		<2.74		5
1,2-Dichlorobenzene	<2.85		<2.77		3
1,3-Dichlorobenzene	<2.98		<2.9		3
1,4-Dichlorobenzene	<2.53		<2.46		3
2,4,5-Trichlorophenol	<2.18		<2.12		1
2,4,6-Trichlorophenol	<2		<1.94		1
2,4-Dichlorophenol	<2.16		<2.1		5
2,4-Dimethylphenol	<1.83		<1.78		50
2,4-Dinitrophenol	<2.57		<2.5		10
2,4-Dinitrotoluene	<1.84		<1.79		5
2,6-Dinitrotoluene	<1.84		<1.79		5
2-Chloronaphthalene	<2.51		<2.44		10
2-Chlorophenol	<2.05		<1.99		1
2-Methylnaphthalene	<3.15		<3.07		NS
2-Methylphenol	<1.33		<1.29		1
2-Nitroaniline	<1.92		<1.87		5
2-Nitrophenol	<2.7		<2.62		1
3,3'-Dichlorobenzidine	<1.45		<1.41		5
3- & 4-Methylphenols	<1.28		<1.24		NS
3-Nitroaniline	<1.92		,1.87		5
4,6-Dinitro-2-methylphenol	<1.85		<1.8		NS
4-Bromophenyl phenyl ether	<1.52		<1.48		NS
4-Chloro-3-methylphenol	<2.16		<2.1		1
4-Chloroaniline	<3.41		<3.31		5
4-Chlorophenyl phenyl ether	<2.8		<2.72		NS
4-Nitroaniline	<3.06		<2.98		5
4-Nitrophenol	<1.9		<1.84		1
Acenaphthene	<2.02		<1.97		20
Acenaphthylene	<1.99		<1.93		NS
Aniline	<1.71		<1.67		5
Anthracene	<1.36		<1.32		50
Benzo(a)anthracene	<1.5		<1.46		0.002
Benzo(a)pyrene	<1.49		<1.44		0.002
Benzo(b)fluoranthene	<1.61		<1.57		0.002
Benzo(g,h,i)perylene	<1.95		<1.9		NS
Benzo(k)fluoranthene	<2.09		<2.03		0.002
Benzyl alcohol	<1.66		<1.61		NS
Benzyl butyl phthalate	<0.974		<0.974		50
Bis(2-chloroethoxy)methane	<2.02		<1.97		5
Bis(2-chloroethyl)ether	<1.71		<1.67		1
Bis(2-chloroisopropyl)ether	<3.42		<3.32		5
Bis(2-ethylhexyl)phthalate	**5.5**	**J**	**6.44**		5
Chrysene	<1.68		<1.63		0.002
Di-n-butyl phthalate	<2.34		<2.28		50
Di-n-octyl phthalate	<1.28		<1.24		50
Dibenzo(a,h)anthracene	<1.78		<1.73		NS
Dibenzofuran	<2.75		<2.68		NS
Diethyl phthalate	<2.93		<2.84		50
Dimethyl phthalate	<2.18		<2.12		50
Fluoranthene	<1.42		<1.38		50
Fluorene	<2.09		<2.03		50
Hexachlorobenzene	<1.45		<1.41		0.04
Hexachlorobutadiene	<3.19		<3.1		0.5
Hexachlorocyclopentadiene	<2.89		<2.81		5
Hexachloroethane	<3.47		<3.38		5
Indeno(1,2,3-cd)pyrene	<1.94		<1.89		0.002
Isophorone	<3.06		<2.98		50
N-nitroso-di-n-propylamine	<2.93		<2.84		NS
N-Nitrosodimethylamine	<0.445		<0.432		NS
N-Nitrosodiphenylamine	<5.71		<5.56		50
Naphthalene	<2.27		<2.21		10
Nitrobenzene	<1.93		<1.88		0.4
Pentachlorophenol	<1.66		<1.61		1
Phenanthrene	<1.57		<1.52		50
Phenol	<1.26		<1.22		1
Pyrene	<1.98		<1.92		50
Pyridine	<4.47		<4.34		50

NOTES:
Gray shading indicates exceedance of regulatory standard

Less than sign indicates analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS =this indicates that no regulatory limit has been established for this analyte

Table 8
Groundwater Analytical Results - Pesticides and PCBs
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/23/2013		8/23/2013		
Matrix	Water		Water		Water
Units	ug/L		ug/L		ug/L
Pesticides/PCBs, EPA 8081/8082 List					
4,4'-DDD	<0.00105		<0.00111		0.3
4,4'-DDE	**0.00173**		**0.00708**		0.2
4,4'-DDT	**0.0104**		**0.0162**		0.2
Aldrin	<0.00105		<0.00111		NS
alpha-BHC	<0.00105		<0.00111		NS
Aroclor 1016	<0.0526		<0.0556		0.09
Aroclor 1221	<0.0526		<0.0556		0.09
Aroclor 1232	<0.0526		<0.0556		0.09
Aroclor 1242	<0.0526		<0.0556		0.09
Aroclor 1248	<0.0526		<0.0556		0.09
Aroclor 1254	<0.0526		<0.0556		0.09
Aroclor 1260	<0.0526		<0.0556		0.09
beta-BHC	<0.00105		<0.00111		NS
Chlordane, total	**0.0189**		**0.0244**		0.05
delta-BHC	<0.00105		<0.00111		NS
Dieldrin	<0.00105		<0.00111		0.004
Endosulfan I	<0.00105		<0.00111		NS
Endosulfan II	<0.00105		<0.00111		NS
Endosulfan sulfate	<0.00105		<0.00111		NS
Endrin	<0.00105		<0.00111		NS
Endrin aldehyde	<0.00105		<0.00111		5
Endrin ketone	<0.00105		<0.00111		5
gamma-BHC (Lindane)	<0.00105		<0.00111		NS
Heptachlor	<0.00105		<0.00111		0.04
Heptachlor epoxide	**0.00464**		**0.00827**		0.03
Methoxychlor	<0.00526		<0.00556		35
Total PCBs	<0.0526		<0.0556		NS
Toxaphene	<0.0526		<0.0556		NS

NOTES:
Gray shading indicates exceedance of regulatory standard

Less than sign indicates analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estin
NS=this indicates that no regulatory limit has been established for this analyte

Table 9
Groundwater Analytical Results - Metals
Site A - 1926 Longfellow Avenue, Bronx, NY

SampleID	MW-1		MW-2		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/23/2013		8/23/2013		
Matrix	Water		Water		Water
Units	ug/L		ug/L		ug/L
Metals, Target Analyte					
Aluminum	**11400**		**983**		NS
Antimony	<5		<5		3
Arsenic	<4		<4		25
Barium	**3030**		**213**		1000
Beryllium	<1		<1		NS
Cadmium	<3		<3		5
Calcium	**275000**		**207000**		NS
Chromium	**33**		<5		50
Cobalt	**16**		<5		NS
Copper	**29**		**6**		200
Iron	**18500**		**1710**		NS
Lead	**598**		**73**		25
Magnesium	**39200**		**30400**		35000
Manganese	**834**		**233**		300
Nickel	**28**		<5		100
Potassium	**12100**		**7790**		NS
Selenium	**17**		**11**		10
Silver	<5		<5		50
Sodium	**242000**		**230000**		NS
Thallium	<5		<5		NS
Vanadium	**41**		<10		NS
Zinc	**1480**		**199**		NS
Metals, Target Analyte, Dissolved					
Aluminum	<10		<10		NS
Antimony	<5		<5		3
Arsenic	<4		<4		25
Barium	**21**		**20**		1000
Beryllium	<1		<1		NS
Cadmium	<3		<3		5
Calcium	**209000**		**225000**		NS
Chromium	<5		<5		50
Cobalt	<5		<5		NS
Copper	<3		<3		200
Iron	<20		<20		NS
Lead	<3		<3		25
Magnesium	**31000**		**36800**		35000
Manganese	**178**		**190**		300
Nickel	<5		<5		100
Potassium	**7480**		**8270**		NS
Selenium	**19**		**23**		10
Silver	<5		<5		50
Sodium	**235000**		**226000**		NS
Thallium	<5		<5		NS
Vanadium	<10		<10		NS
Zinc	**22**		**37**		NS
Mercury	<0.05		<0.05		0.7
Chromium, Trivalent	**33**		<8		NS
Chromium, Hexavalent	<6		<6		NS

NOTES:
Gray shading indicates exceedance of regulatory standard

Less than sign indicates nalyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS=this indicates that no regulatory limit has been established for this analyte

Table 10
Soil Vapor and Ambient Air Analytical Results
Site A - 1926 Longfellow Avenue, Bronx, NY

Sample ID	SV-1		SV-2		SV-3		OA-1		NYSDOH Guidance
Sampling Date	8/23/2013		8/23/2013		8/23/2013		8/27/2013		
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Air		Air
Units	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3
1,1,1-Trichloroethane	<11		<13		<9.9		<0.55		100
1,1,2,2-Tetrachloroethane	<14		<16		<12		<0.7		NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<16		<18		<14		**1.2**		NS
1,1,2-Trichloroethane	<11		<13		<9.9		<0.55		NS
1,1-Dichloroethane	<8.4		<9.7		<7.3		<0.41		NS
1,1-Dichloroethylene	<8.2		<9.5		<7.2		<0.4		NS
1,2,4-Trichlorobenzene	<15		<18		<13		<0.75		NS
1,2,4-Trimethylbenzene	**13**	D	<12		**9.8**	D	**1.2**		NS
1,2-Dibromoethane	<16		<18		<14		<0.78		NS
1,2-Dichlorobenzene	<12		<14		<11		<0.61		NS
1,2-Dichloroethane	<8.4		<9.7		<7.3		<0.41		NS
1,2-Dichloropropane	<9.6		<11		<8.3		<0.47		NS
1,2-Dichlorotetrafluoroethane	<14		<17		<13		<0.71		NS
1,3,5-Trimethylbenzene	<10		<12		<8.9		**0.55**		NS
1,3-Butadiene	<9		<10		<7.8		<0.44		NS
1,3-Dichlorobenzene	<12		<14		<11		<0.61		NS
1,4-Dichlorobenzene	<12		<14		<11		<0.61		NS
1,4-Dioxane	<7.4		<8.6		<6.5		<0.37		NS
2-Butanone	**45**	D	**28**	D	**18**	D	**4**		NS
2-Hexanone	<8.5		<9.8		<7.4		<0.42		NS
4-Methyl-2-pentanone	<8.5		<9.8		<7.4		**1**		NS
Acetone	**740**	D	**800**	D	**440**	D	**30**		NS
Benzene	**6.6**	D	**15**	D	<5.8		**0.71**		NS
Benzyl chloride	<11		<12		<9.3		<0.53		NS
Bromodichloromethane	<13		<15		<11		<0.63		NS
Bromoform	<21		<25		<19		<1.1		NS
Bromomethane	<8		<9.3		<7		<0.39		NS
Carbon disulfide	**19**	D	**210**	D	<5.6		<0.32		NS
Carbon tetrachloride	<6.5		<7.5		<5.7		**1**		5
Chlorobenzene	<9.5		<11		<8.3		<0.47		NS
Chloroethane	<5.5		<6.3		<4.8		<0.27		NS
Chloroform	<10		<12		<8.8		**0.55**		NS
Chloromethane	<4.3		<4.9		<3.7		**1.7**		NS
cis-1,2-Dichloroethylene	<8.2		<9.5		<7.2		<0.4		NS
cis-1,3-Dichloropropylene	<9.4		<11		<8.2		<0.46		NS
Cyclohexane	<7.1		**12**	D	<6.2		**0.53**		NS
Dibromochloromethane	<17		<19		<14		<0.82		NS
Dichlorodifluoromethane	**20**	D	<12		**11**	D	**3.7**		NS
Ethyl acetate	<7.4		<8.6		<6.5		<0.37		NS
Ethyl Benzene	<9		<10		<7.8		**0.53**		NS
Hexachlorobutadiene	<22		<26		<19		<1.1		NS
Isopropanol	<5.1		<5.9		<4.4		**6**		NS
Methyl Methacrylate	<8.5		<9.8		<7.4		<0.42		NS
Methyl tert-butyl ether (MTBE)	<7.4		<8.6		<6.5		<0.37		NS
Methylene chloride	**11**	D	**11**	D	**8.8**	D	**3.9**		NS
n-Heptane	<8.5		**25**	D	<7.4		**0.54**		NS
n-Hexane	**8**	D	**66**	D	<6.4		**0.86**		NS
o-Xylene	<9		<10		<7.8		**0.66**		NS
p- & m- Xylenes	<18		<21		<16		**1.6**		NS
p-Ethyltoluene	<51		<59		<44		<2.5		NS
Propylene	**13**	D	**450**	D	<3.1		<0.18		NS
Styrene	<8.8		<10		<7.7		**0.43**		NS
Tetrachloroethylene	**15**	D	**19**	D	**23**	D	**0.83**		100
Tetrahydrofuran	<6.1		**12**	D	<5.3		**0.9**		NS
Toluene	**9.3**	D	**12**	D	<6.8		**1.6**		NS
trans-1,2-Dichloroethylene	<8.2		<9.5		<7.2		<0.4		NS
trans-1,3-Dichloropropylene	<9.4		<11		<8.2		<0.46		NS
Trichloroethylene	<5.6		<6.4		**46**	D	<0.27		5
Trichlorofluoromethane (Freon 11)	**19**	D	<13		<10		**2.2**		NS
Vinyl acetate	<7.3		<8.4		<6.4		<0.36		NS
Vinyl Chloride	<5.3		<6.1		<4.6		<0.26		NS
Total VOCs	**918.9**		**1660**		**556.6**		**66.19**		NS

NOTES:

Gray shading indicates exceedance of standard

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

Table 11
Soil Analytical Results - Volatile Organic Compounds
Site B - 1939 West Farms Road, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		SP-5 (0-2)		SP-5 (12-14)		SP-6 (0-2)		SP-6 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/Kg		mg/Kg		mg/Kg	mg/Kg
Volatile Organics, 8260 List																										
1,1,1,2-Tetrachloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,1,1-Trichloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.68	100
1,1,2,2-Tetrachloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,1,2-Trichloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,1-Dichloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.27	26
1,1-Dichloroethylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.33	100
1,1-Dichloropropylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,2,3-Trichlorobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,2,3-Trichloropropane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,2,4-Trichlorobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,2,4-Trimethylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		3.6	52
1,2-Dibromo-3-chloropropane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,2-Dibromoethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,2-Dichlorobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		1.1	100
1,2-Dichloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.02	3.1
1,2-Dichloropropane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,3,5-Trimethylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		8.4	52
1,3-Dichlorobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		2.4	49
1,3-Dichloropropane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
1,4-Dichlorobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		1.8	13
1,4-Dioxane	<0.066		<6.2		<0.054		<0.054		<0.05		<0.039		<0.059		<0.045		<0.05		<0.05		<0.0031		<0.052		0.1	13
2,2-Dichloropropane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
2-Butanone	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.12	100
2-Chlorotoluene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
4-Chlorotoluene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Acetone	**0.012**	**J**	<0.31		**0.0066**	**J**	<0.0027		**0.011**		<0.002		**0.015**		**0.0064**	**J**	**0.0071**	**J**	**0.0038**	**J**	**0.015**		<0.0026		0.05	100
Benzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.06	4.8
Bromobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Bromochloromethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Bromodichloromethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Bromoform	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Bromomethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Carbon tetrachloride	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.76	2.4
Chlorobenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		1.1	100
Chloroethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Chloroform	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.37	49
Chloromethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
cis-1,2-Dichloroethylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.25	100
cis-1,3-Dichloropropylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Dibromochloromethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Dibromomethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Dichlorodifluoromethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Ethyl Benzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		1	41
Hexachlorobutadiene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Isopropylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Methyl tert-butyl ether (MTBE)	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.93	100
Methylene chloride	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.05	100
n-Butylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		12	100
n-Propylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		3.9	100
Naphthalene	**0.0057**	**J**	**6.9**	**D**	**0.0081**	**J**	<0.0027		**0.05**		<0.002		**0.098**		**0.0023**	**U**	**0.021**		<0.0025		**0.051**		**0.0079**	**J**	12	NS
o-Xylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
p- & m- Xylenes	<0.0066		<0.62		<0.0054		<0.0054		<0.005		<0.0039		<0.0059		<0.0045		<0.005		<0.005		<0.0031		<0.0052		NS	NS
p-Isopropyltoluene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
sec-Butylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		11	100
Styrene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
tert-Butylbenzene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		5.9	100
Tetrachloroethylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		1.3	19
Toluene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.7	100
trans-1,2-Dichloroethylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.19	100
trans-1,3-Dichloropropylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Trichloroethylene	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.47	21
Trichlorofluoromethane	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Vinyl acetate	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		NS	NS
Vinyl Chloride	<0.0033		<0.31		<0.0027		<0.0027		<0.0025		<0.002		<0.0029		<0.0023		<0.0025		<0.0025		<0.0031		<0.0026		0.02	0.9
Total VOCs	**0.0177**		**6.9**		**0.0147**		0		**0.061**		0		**0.113**		**0.0087**		**0.0281**		**0.0038**		**0.066**		**0.0079**		NS	NS

NOTES:

Gray shading indicates exceedance of Unrestricted SCO

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

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

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

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 12
Soil Analytical Results - Semi-Volatile Organic Compounds
Site B - 1939 West Farms Road, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		SP-5 (0-2)		SP-5 (12-14)		SP-6 (0-2)		SP-2 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/Kg	mg/Kg
Semi-Volatiles, 8270 Target List																										
1,2,4-Trichlorobenzene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
1,2-Dichlorobenzene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		1.1	100
1,3-Dichlorobenzene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		2.4	17
1,4-Dichlorobenzene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		1.8	9.8
2,4,5-Trichlorophenol	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2,4,6-Trichlorophenol	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2,4-Dichlorophenol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
2,4-Dimethylphenol	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2,4-Dinitrophenol	<1.55		<14.9		<1.42		<0.277		<1.36		<0.274		<1.39		<0.271		<0.277		<0.297		<28		<1.38		NS	NS
2,4-Dinitrotoluene	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
2,6-Dinitrotoluene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2-Chloronaphthalene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2-Chlorophenol	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2-Methylnaphthalene	<0.391		<3.75		<0.357		**0.326**		<0.342		<0.0688		**1.31**	**J,D**	<0.0681		<0.0696		<0.0748		7.04		<0.346		NS	NS
2-Methylphenol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		0.33	100
2-Nitroaniline	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.693		NS	NS
2-Nitrophenol	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.693		NS	NS
3,3'-Dichlorobenzidine	<1.55		<14.9		<1.42		<0.277		<1.36		<0.274		<1.39		<0.271		<0.277		<0.297		<28		<1.38		NS	NS
3- & 4-Methylphenols	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
3-Nitroaniline	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
4,6-Dinitro-2-methylphenol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
4-Bromophenyl phenyl ether	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
4-Chloro-3-methylphenol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
4-Chloroaniline	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
4-Chlorophenyl phenyl ether	<0.391		<3.75		<0.357		<0.0698		<0.342		0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
4-Nitroaniline	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
4-Nitrophenol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
Acenaphthene	<0.391		**8.43**	**J,D**	<0.357		**0.798**		**0.786**	**J,D**	<0.0688		**6.11**	**D**	<0.0681		**0.154**	**J**	<0.0748		**21**	**J,D**	**0.693**	**J,D**	20	100
Acenaphthylene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		**0.439**	**J,D**	<0.0681		<0.0696		<0.0748		<7.04		<0.346		100	100
Aniline	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Anthracene	**0.797**	**J,D**	**17.6**	**D**	**2.77**	**D**	**1.42**		**1.79**	**D**	<0.0688		**9.72**	**D**	<0.0681		**1.32**		<0.0748		**37.8**	**D**	**1.42**	**D**	100	100
Benzo(a)anthracene	**1.48**	**J,D**	**28.4**	**D**	**3.54**	**D**	**1.71**		**4.63**	**D**	<0.0688		**8.31**	**D**	<0.0681		**0.967**		<0.0748		**63.5**	**D**	**2.57**	**D**	1	1
Benzo(a)pyrene	**2.12**	**D**	**27.5**	**D**	**4.74**	**D**	**2.03**		**2.81**	**D**	<0.0688		**9.53**	**D**	<0.0681		**0.907**		<0.0748		**59.1**	**D**	**2.22**	**D**	1	1
Benzo(b)fluoranthene	**1.6**	**D**	**20.1**	**D**	**3.43**	**D**	**1.96**		**3.72**	**D**	<0.0688		**10.6**	**D**	<0.0681		**0.731**		<0.0748		**44.1**	**D**	**2.16**	**D**	1	1
Benzo(g,h,i)perylene	**1.34**	**J,D**	**16.7**	**D**	**2.48**	**D**	**0.536**		**1.06**	**J,D**	<0.138		**5**	**D**	<0.136		**0.409**		<0.15		**27.6**	**J,D**	**1.18**	**J,D**	100	100
Benzo(k)fluoranthene	**2.08**	**D**	**23.7**	**D**	**3.44**	**D**	**1.98**		**4.21**	**D**	<0.0688		**7.24**	**D**	<0.0681		**0.918**		<0.0748		**53.3**	**D**	**1.96**	**D**	0.8	3.9
Benzyl alcohol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
Benzyl butyl phthalate	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		**0.372**	**J,D**	<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Bis(2-chloroethoxy)methane	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Bis(2-chloroethyl)ether	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Bis(2-chloroisopropyl)ether	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Bis(2-ethylhexyl)phthalate	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		**0.492**	**J,D**	<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Chrysene	**2.13**	**D**	**26.2**	**D**	**4.62**	**D**	**1.91**		**4.13**	**D**	<0.0688		**9.97**	**D**	<0.0681		**0.919**		<0.0748		**58.5**	**D**	**2.29**	**D**	1	3.9
Di-n-butyl phthalate	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Di-n-octyl phthalate	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Dibenzo(a,h)anthracene	**0.465**	**J,D**	**8.4**	**J,D**	**0.875**	**J,D**	**0.345**		**0.342**		<0.0688		**0.739**	**J,D**	<0.0681		<0.0696		<0.0748		<7.04		<0.346		0.33	0.33
Dibenzofuran	<0.391		**5.81**	**J,D**	**0.504**	**J,D**	**0.748**		**0.512**	**J,D**	<0.0688		**3.64**	**D**	<0.0681		**0.0856**	**J**	<0.0748		**13.5**	**J,D**	<0.346		7	14
Diethyl phthalate	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Dimethyl phthalate	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Fluoranthene	**3.68**	**D**	**63.4**	**D**	**8.97**	**D**	**1.61**		**8.98**	**D**	<0.0688		**9.7**	**D**	<0.0681		**1.84**		<0.0748		**137**	**D**	**5.14**	**D**	100	100
Fluorene	<0.391		**8.93**	**J,D**	**0.889**	**J,D**	**1.15**		**0.71**	**J,D**	<0.0688		**5.49**	**D**	<0.0681		**0.152**	**J**	<0.0748		**19.6**	**J,D**	**0.654**	**J,D**	30	100
Hexachlorobenzene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		0.33	0.33
Hexachlorobutadiene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Hexachlorocyclopentadiene	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		**0.275**		**0.28**		**0.302**		<14.1		<0.693		NS	NS
Hexachloroethane	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Indeno(1,2,3-cd)pyrene	**1.29**	**J,D**	**16.5**	**D**	**2.14**	**D**	**0.641**		**1.32**	**J,D**	<0.0688		**5.94**	**D**	<0.0681		**0.391**		<0.0748		**26.7**	**J,D**	**1.18**	**J,D**	0.5	0.5
Isophorone	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
N-nitroso-di-n-propylamine	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
N-Nitrosodimethylamine	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		NS	NS
N-Nitrosodiphenylamine	<0.391		<3.75		**0.394**	**J,D**	<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Naphthalene	<0.391		**6.52**	**J,D**	**0.685**	**J,D**	**1.06**		**0.369**	**J,D**	<0.0688		**3.15**	**D**	<0.0681		**0.0746**	**J**	<0.0748		**17.1**	**J,D**	**0.676**	**J,D**	12	100
Nitrobenzene	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS
Pentachlorophenol	<0.781		<7.51		<0.714		<0.14		<0.683		<0.138		<0.7		<0.136		<0.139		<0.15		<14.1		<0.693		0.8	2.4
Phenanthrene	**2.82**	**D**	**60.2**	**D**	**8.93**	**D**	**1.51**		**6.77**	**D**	<0.0688		**9.13**	**D**	<0.0681		**1.41**		<0.0748		**132**	**D**	**1.57**	**D**	100	100
Phenol	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		0.33	100
Pyrene	**3.06**	**D**	**47.5**	**D**	**7.84**	**D**	**1.83**		**7.35**	**D**	<0.0688		**9.11**	**D**	<0.0681		**1.54**		<0.0748		**102**	**D**	**4.23**	**D**	100	100
Pyridine	<0.391		<3.75		<0.357		<0.0698		<0.342		<0.0688		<0.35		<0.0681		<0.0696		<0.0748		<7.04		<0.346		NS	NS

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
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
D=result is from an analysis that required a dilution
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 13
Soil Analytical Results - Pesticides and PCBs
Site B - 1939 West Farms Road, Bronx, NY

SampleID	SP-1 (0-2)		SP-1 (12-14)		SP-2 (0-2)		SP-2 (12-14)		SP-3 (0-2)		SP-3 (12-14)		SP-4 (0-2)		SP-4 (12-14)		SP-5 (0-2)		SP-5 (12-14)		SP-6 (0-2)		SP-6 (12-14)		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objective
Sampling Date	8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/20/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013		8/21/2013			
ClientMatrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	Soil
Units	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg		mg/kg		mg/Kg	mg/Kg
Pesticides/PCBs, EPA 8081/8082 List																										
4,4'-DDD	**0.00267**	D	**0.0244**	D	<0.00187		**0.00353**	D	<0.00179		<0.00180		<0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		0.0033	13
4,4'-DDE	**0.00821**	D	**0.0103**	D	**0.00738**	D	**0.00778**	D	**0.00579**	D	<0.00180		**0.00738**	D	<0.00178		<0.00182		<0.00196		**0.00661**	D	<0.00181		0.0033	8.9
4,4'-DDT	**0.0292**	D	**0.0291**	D	**0.0113**	D	**0.0289**	D	**0.00421**	D	<0.00180		**0.0342**	D	<0.00178		**0.00260**	D	<0.00196		**0.0243**	D	**0.00305**	D	0.0033	7.9
Aldrin	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		0.005	0.097
alpha-BHC	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		0.02	0.48
alpha-Chlordane	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		**0.00196**	D	<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	4.2
beta-BHC	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	0.36
delta-BHC	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	100
Dieldrin	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	0.2
Endosulfan I	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	24
Endosulfan II	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	24
Endosulfan sulfate	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	24
Endrin	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		0.036	11
Endrin aldehyde	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		NS	NS
Endrin ketone	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		0.04	NS
gamma-BHC (Lindane)	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		>0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		0.005	1.3
gamma-Chlordane	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		**0.00201**	D	<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		2.4	NS
Heptachlor	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		<0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		2.4	2.1
Heptachlor epoxide	<0.00205		<0.00197		<0.00187		<0.00183		<0.00179		<0.00180		<0.00183		<0.00178		<0.00182		<0.00196		<0.00184		<0.00181		2.4	NS
Methoxychlor	<0.0102		<0.00983		<0.00935		<0.00914		<0.00895		<0.00901		<0.00917		<0.00891		<0.00911		<0.00979		<0.00922		<0.00907		0.014	NS
Toxaphene	<0.104		<0.0995		<0.0946		<0.0925		<0.0906		<0.0912		<0.0928		<0.0902		<0.0922		<0.0991		<0.0933		<0.0918		NS	NS
Aroclor 1016	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		NS	NS
Aroclor 1221	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		0.1	NS
Aroclor 1232	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		0.042	NS
Aroclor 1242	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		NS	NS
Aroclor 1248	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		NS	NS
Aroclor 1254	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		0.1	NS
Aroclor 1260	<0.0211		<0.0203		<0.0193		<0.0188		<0.0184		<0.0186		<0.0189		<0.0184		<0.0188		<0.0202		<0.0190		<0.0187		NS	NS

NOTES:
Gray shading indicates exceedance of Unrestricted SCO

U=analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
D=result is from an analysis that required a dilution
NS=this indicates that no regulatory limit has been established for this analyte

Table 14
Soil Analytical Results - Metals
Site B - 1936 West Farms Road, Bronx, NY

SampleID Sampling Date ClientMatrix Units	SP-1 (0-2) 8/20/2013 Soil mg/kg dry	SP-1 (12-14) 8/20/2013 Soil mg/kg dry	SP-2 (0-2) 8/20/2013 Soil mg/kg dry	SP-2 (12-14) 8/20/2013 Soil mg/kg dry	SP-3 (0-2) 8/20/2013 Soil mg/kg dry	SP-3 (12-14) 8/20/2013 Soil mg/kg	SP-4 (0-2) 8/21/2013 Soil mg/kg dry	SP-4 (12-14) 8/21/2013 Soil mg/kg dry	SP-5 (0-2) 8/21/2013 Soil mg/kg dry	SP-5 (12-14) 8/21/2013 Soil mg/kg dry	SP-6 (0-2) 8/21/2013 Soil mg/kg dry	SP-6 (12-14) 8/21/2013 Soil mg/kg dry	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objective Soil mg/Kg	NYSDEC Part 375 Restricted Soil Cleanup Objective - Reesidential Soil mg/Kg
Aluminum	**8510**	**9630**	**9840**	**7040**	**5100**	**13800**	**11500**	**15100**	**11600**	**13700**	**6240**	**10500**	NS	NS
Antimony	<0.62	<0.596	**0.73**	<0.554	<0.542	0.619	0.678	<0.54	<0.552	<0.593	<0.559	<0.55	NS	NS
Arsenic	**6.21**	**4.86**	**2.52**	**2.51**	**3.48**	**1.7**	**6.96**	**1.53**	**3.05**	**2.89**	**4.96**	**2.38**	13	16
Barium	**387**	**432**	**126**	**75**	**57.2**	**128**	**183**	**142**	**69.8**	**70.8**	**262**	**79.6**	350	350
Beryllium	<0.124	<0.119	<0.113	<0.111	<0.108	<0.109	<0.111	<0.108	<0.11	<0.119	<0.112	<0.11	7.2	14
Cadmium	<0.372	**0.751**	<0.34	**1.21**	<0.325	<0.328	<0.334	<0.324	<0.331	<0.356	<0.335	<0.33	2.5	2.5
Calcium	**95000**	**66500**	**40900**	**30100**	**44200**	**800**	**58400**	**1080**	**4220**	**1290**	**56700**	**2810**	NS	NS
Chromium	**13**	**33.1**	**20.1**	**20.4**	**7.77**	**29.3**	**15.6**	**24.5**	**30.1**	**22.5**	**9.33**	**19.3**	NS	NS
Cobalt	**3.23**	**7.49**	**8.53**	**6.68**	**2.51**	**13.3**	**4.48**	**13.7**	**13.5**	**5.52**	**4.48**	**9.38**	NS	NS
Copper	**33.5**	**45.9**	**33.9**	**28.4**	**13.5**	**30.2**	**73.3**	**31.6**	**15.5**	**12.9**	**62.3**	**23.8**	50	270
Iron	**13400**	**20400**	**19700**	**14500**	**6060**	**22400**	**11100**	**23500**	**23800**	**18200**	**21100**	**16200**	NS	NS
Lead	**399**	**194**	**96.8**	**53**	**59.2**	**3.76**	**88.9**	**4.31**	**23.1**	**6.66**	**86**	**11.6**	63	400
Magnesium	**5120**	**5660**	**7110**	**3280**	**3400**	**4600**	**6730**	**4750**	**5000**	**2960**	**3210**	**3790**	NS	NS
Manganese	**166**	**225**	**197**	**166**	**99**	**632**	**345**	**386**	**306**	**177**	**196**	**285**	1600	2000
Nickel	**9.28**	**17.8**	**16.1**	**14.7**	**5.32**	**21.5**	**11.7**	**23**	**17.4**	**13**	**9.48**	**19**	30	140
Potassium	**1060**	**3220**	**4750**	**2380**	**565**	**4230**	**1480**	**5280**	**5350**	**875**	**1120**	**2390**	NS	NS
Selenium	**1.76**	**1.96**	**1.9**	**1.81**	<1.08	**3.44**	<1.11	**2.73**	**3.26**	**2.2**	**2.73**	**2.34**	3.9	36
Silver	<0.62	<0.596	<0.566	<0.554	<0.542	<0.546	<0.556	<0.54	<0.552	<0.593	<0.559	<0.55	2	36
Sodium	**1200**	**839**	**407**	**436**	**423**	**270**	**1210**	**244**	**228**	**216**	**597**	**252**	NS	NS
Thallium	<1.24	<1.19	<1.13	<1.11	<1.08	<1.09	<1.11	<1.08	<1.1	<1.19	<1.12	<1.1	NS	NS
Vanadium	**22.4**	**37.2**	**24.8**	**23.6**	**11.2**	**37.7**	**32.3**	**35.6**	**35.3**	**28.2**	**19.8**	**25.4**	NS	NS
Zinc	**399**	**540**	**230**	**683**	**84.6**	**43.8**	**138**	**47.6**	**56.2**	**32.4**	**246**	**45.4**	109	2200
Mercury	**0.946**	**1.04**	**0.421**	**0.111**	**0.0874**	**0.00251**	**0.114**	**0.00432**	**0.0315**	**0.0211**	**0.584**	**0.0441**	0.18	0.81
Chromium, Trivalent	**13**	**33.1**	**20.1**	**20.4**	**7.77**	**29.3**	**15.6**	**24.5**	**30.1**	**22.5**	**9.33**	**19.3**	30	36
Chromium, Hexavalent	<0.434	<0.417	<0.396	<0.388	<0.38	<0.382	<0.389	<0.378	<0.387	<0.415	<0.391	<0.385	1	22

NOTES:
Gray shading indicates exceedance of Unrestricted SCO
Blue shading indicates exceedance of Restricted Residential SCO

U=analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS=this indicates that no regulatory limit has been established for this analyte

Table 15
Groundwater Analytical Results - Volatile Organic Compounds
1939 West Farms Road, Bronx, NY

SampleID Sampling Date Matrix Units	MW-1 8/23/2013 Water ug/L		NYSDEC TOGS Standards and Guidance Values - GA Water ug/L
Volatile Organics, 8260 List			
1,1,1,2-Tetrachloroethane	<2.5		5
1,1,1-Trichloroethane	<2.5		5
1,1,2,2-Tetrachloroethane	<2.5		5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<2.5		5
1,1,2-Trichloroethane	<2.5		1
1,1-Dichloroethane	<2.5		5
1,1-Dichloroethylene	<2.5		5
1,1-Dichloropropylene	<2.5		5
1,2,3-Trichlorobenzene	<2.5		5
1,2,3-Trichloropropane	<2.5		0.04
1,2,4-Trichlorobenzene	<2.5		5
1,2,4-Trimethylbenzene	<2.5		5
1,2-Dibromo-3-chloropropane	<2.5		0.04
1,2-Dibromoethane	<2.5		5
1,2-Dichlorobenzene	<2.5		3
1,2-Dichloroethane	<2.5		0.6
1,2-Dichloropropane	<2.5		1
1,3,5-Trimethylbenzene	<2.5		5
1,3-Dichlorobenzene	<2.5		3
1,3-Dichloropropane	<2.5		5
1,4-Dichlorobenzene	<2.5		3
2,2-Dichloropropane	<2.5		5
2-Butanone	<2.5		50
2-Chlorotoluene	<2.5		5
4-Chlorotoluene	<2.5		5
Acetone	**7.3**		50
Benzene	<2.5		1
Bromobenzene	<2.5		5
Bromochloromethane	<2.5		5
Bromodichloromethane	<2.5		50
Bromoform	<2.5		50
Bromomethane	<2.5		5
Carbon tetrachloride	<2.5		5
Chlorobenzene	<2.5		5
Chloroethane	<2.5		5
Chloroform	<2.5		7
Chloromethane	<2.5		5
cis-1,2-Dichloroethylene	<2.5		5
cis-1,3-Dichloropropylene	<2.5		0.4
Dibromochloromethane	<2.5		50
Dibromomethane	<2.5		NS
Dichlorodifluoromethane	<2.5		5
Ethyl Benzene	<2.5		5
Hexachlorobutadiene	<2.5		0.5
Isopropylbenzene	<2.5		5
Methyl tert-butyl ether (MTBE)	<2.5		10
Methylene chloride	**3.2**	**J**	5
n-Butylbenzene	<2.5		5
n-Propylbenzene	<2.5		5
Naphthalene	<2.5		10
o-Xylene	<2.5		5
p- & m- Xylenes	<5		5
p-Isopropyltoluene	<2.5		5
sec-Butylbenzene	<2.5		5
Styrene	<2.5		5
tert-Butylbenzene	<2.5		5
Tetrachloroethylene	<2.5		5
Toluene	<2.5		5
trans-1,2-Dichloroethylene	<2.5		5
trans-1,3-Dichloropropylene	<2.5		0.4
Trichloroethylene	<2.5		5
Trichlorofluoromethane	<2.5		5
Vinyl acetate	<2.5		NS
Vinyl Chloride	<2.5		2
Total VOCS	**3.2**		NS

NOTES:
Gray shading indicates exceedance of regulatory standard

Less thank 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 16
Groundwater Analytical Results - Semi-Volatile Organic Compounds
1939 West Farms Road, Bronx, NY

SampleID Sampling Date Matrix Units	MW-1 8/23/2013 Water ug/L		NYSDEC TOGS Standards and Guidance Values - GA Water ug/L
Semi-Volatiles, 8270 Target List			
1,2,4-Trichlorobenzene	<17.6		5
1,2-Dichlorobenzene	<17.8		3
1,3-Dichlorobenzene	<18.6		3
1,4-Dichlorobenzene	<15.8		3
2,4,5-Trichlorophenol	<13.6		1
2,4,6-Trichlorophenol	<12.5		1
2,4-Dichlorophenol	<13.5		5
2,4-Dimethylphenol	<11.4		50
2,4-Dinitrophenol	<16.1		10
2,4-Dinitrotoluene	<11.5		5
2,6-Dinitrotoluene	<11.5		5
2-Chloronaphthalene	<15.7		10
2-Chlorophenol	<12.8		1
2-Methylnaphthalene	<19.7		NS
2-Methylphenol	<8.29		1
2-Nitroaniline	<12		5
2-Nitrophenol	<16.9		1
3,3'-Dichlorobenzidine	<9.07		5
3- & 4-Methylphenols	<8		NS
3-Nitroaniline	<12		5
4,6-Dinitro-2-methylphenol	<11.6		NS
4-Bromophenyl phenyl ether	<9.5		NS
4-Chloro-3-methylphenol	<13.5		1
4-Chloroaniline	<21.3		5
4-Chlorophenyl phenyl ether	<17.5		NS
4-Nitroaniline	<19.1		5
4-Nitrophenol	<11.9		1
Acenaphthene	<12.6		20
Acenaphthylene	<12.4		NS
Aniline	<10.7		5
Anthracene	<8.5		50
Benzo(a)anthracene	<9.36		0.002
Benzo(a)pyrene	<9.29		0.002
Benzo(b)fluoranthene	<10.1		0.002
Benzo(g,h,i)perylene	<12.2		NS
Benzo(k)fluoranthene	<13.1		0.002
Benzyl alcohol	<10.4		NS
Benzyl butyl phthalate	<6.09		50
Bis(2-chloroethoxy)methane	<12.6		5
Bis(2-chloroethyl)ether	<10.7		1
Bis(2-chloroisopropyl)ether	<21.4		5
Bis(2-ethylhexyl)phthalate	<34.1		5
Chrysene	<10.5		0.002
Di-n-butyl phthalate	<14.6		50
Di-n-octyl phthalate	<8		50
Dibenzo(a,h)anthracene	<11.1		NS
Dibenzofuran	<17.2		NS
Diethyl phthalate	<18.3		50
Dimethyl phthalate	<13.6		50
Fluoranthene	<8.86		50
Fluorene	<13.1		50
Hexachlorobenzene	<9.07		0.04
Hexachlorobutadiene	<19.9		0.5
Hexachlorocyclopentadiene	<18.1		5
Hexachloroethane	<21.7		5
Indeno(1,2,3-cd)pyrene	<12.1		0.002
Isophorone	<19.1		50
N-nitroso-di-n-propylamine	<18.3		NS
N-Nitrosodimethylamine	<2.78		NS
N-Nitrosodiphenylamine	<35.7		50
Naphthalene	<14.2		10
Nitrobenzene	<12.1		0.4
Pentachlorophenol	<10.4		1
Phenanthrene	<9.79		50
Phenol	<7.86		1
Pyrene	<12.4		50
Pyridine	<27.9		50

NOTES:
Gray shading indicates exceedance of regulatory standard

Less than sign indicates analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS =this indicates that no regulatory limit has been established for this analyte

Table 17
Groundwater Analytical Results - Pesticides and PCBs
1939 West Farms Road, Bronx, NY

SampleID	MW-1		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/23/2013		
Matrix	Water		Water
Units	ug/L		ug/L
Pesticides/PCBs, EPA 8081/8082 List			
4,4'-DDD	<0.00111		0.3
4,4'-DDE	<0.00111		0.2
4,4'-DDT	<0.00111		0.2
Aldrin	<0.00111		NS
alpha-BHC	<0.00111		NS
Aroclor 1016	<0.0556		0.09
Aroclor 1221	<0.0556		0.09
Aroclor 1232	<0.0556		0.09
Aroclor 1242	<0.0556		0.09
Aroclor 1248	<0.0556		0.09
Aroclor 1254	<0.0556		0.09
Aroclor 1260	<0.0556		0.09
beta-BHC	<0.00111		NS
Chlordane, total	0.00444		0.05
delta-BHC	<0.00111		NS
Dieldrin	<0.00111		0.004
Endosulfan I	<0.00111		NS
Endosulfan II	<0.00111		NS
Endosulfan sulfate	<0.00111		NS
Endrin	<0.00111		NS
Endrin aldehyde	<0.00111		5
Endrin ketone	<0.00111		5
gamma-BHC (Lindane)	<0.00111		NS
Heptachlor	<0.00111		0.04
Heptachlor epoxide	<0.00111		0.03
Methoxychlor	<0.00556		35
Total PCBs	<0.0556		NS
Toxaphene	<0.0556		NS

NOTES:
Gray shading indicates exceedance of regulatory standard

Less than sign indicates analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NS=this indicates that no regulatory limit has been established for this analyte

Table 18
Groundwater Analytical Results - Metals
Site B - 1939 West Farms Road, Bronx, NY

SampleID	MW-1		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/23/2013		
Matrix	Water		Water
Units	ug/L		ug/L
Metals, Target Analyte			
Aluminum	**42900**		NS
Antimony	<5		3
Arsenic	**24**		25
Barium	**1050**		1000
Beryllium	<1		NS
Cadmium	<3		5
Calcium	**152000**		NS
Chromium	**141**		50
Cobalt	**101**		NS
Copper	**638**		200
Iron	**101000**		NS
Lead	**188**		25
Magnesium	**30500**		35000
Manganese	**913**		300
Nickel	**228**		100
Potassium	**17500**		NS
Selenium	<10		10
Silver	<5		50
Sodium	**20300**		NS
Thallium	<5		NS
Vanadium	**356**		NS
Zinc	**625**		NS
Metals, Target Analyte, Dissolved			
Aluminum	<10		NS
Antimony	<5		3
Arsenic	<4		25
Barium	**60**		1000
Beryllium	<1		NS
Cadmium	<3		5
Calcium	**82600**		NS
Chromium	<5		50
Cobalt	<5		NS
Copper	<3		200
Iron	<20		NS
Lead	<3		25
Magnesium	**11300**		35000
Manganese	**41**		300
Nickel	<5		100
Potassium	**6920**		NS
Selenium	<10		10
Silver	<5		50
Sodium	**19100**		NS
Thallium	<5		NS
Vanadium	**11**		NS
Zinc	<10		NS
Mercury	<0.05		0.7
Chromium, Trivalent	**141**		NS
Chromium, Hexavalent	<6		NS

NOTES:
Gray shading indicates exceedance of regulatory standard

Less than sign indicates nalyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lim
NS=this indicates that no regulatory limit has been established for this analyte

Table 19
Soil Vapor and Ambient Air Analytical Results
Site B - 1939 West Farms Road, Bronx, NY

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		OA-1		NYSDOH Guidance
Sampling Date	8/23/2013		8/23/2013		8/23/2013		8/23/2013		8/23/2013		8/27/2013		
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Air		Air
Units	ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3
1,1,1-Trichloroethane	<11		<9.5		<12		<11		<11		<0.55		100
1,1,2,2-Tetrachloroethane	<14		<12		<15		<14		<13		<0.7		NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<16		<13		<17		<16		<15		**1.2**		NS
1,1,2-Trichloroethane	<11		<9.5		<12		<11		<11		<0.55		NS
1,1-Dichloroethane	<8.3		<7.1		<8.8		<8.5		<7.9		<0.41		NS
1,1-Dichloroethylene	<8.1		<6.9		<8.6		<8.3		<7.8		<0.4		NS
1,2,4-Trichlorobenzene	<15		<13		<16		<16		<15		<0.75		NS
1,2,4-Trimethylbenzene	**11**	**D**	<8.6		**12**	**D**	**13**	**D**	**23**	**D**	**1.2**		NS
1,2-Dibromoethane	<16		<13		<17		<16		<15		<0.78		NS
1,2-Dichlorobenzene	<12		<11		<13		<13		<12		<0.61		NS
1,2-Dichloroethane	<8.3		<7.1		<8.8		<8.5		<7.9		<0.41		NS
1,2-Dichloropropane	<9.5		<8.1		<10		<9.7		<9		<0.47		NS
1,2-Dichlorotetrafluoroethane	<14		<12		<15		<15		<14		<0.71		NS
1,3,5-Trimethylbenzene	<10		<8.6		<11		<10		<9.6		<0.55		NS
1,3-Butadiene	<8.9		<7.6		<9.4		<9.1		<8.5		<0.44		NS
1,3-Dichlorobenzene	<12		<11		<13		<13		<12		<0.61		NS
1,4-Dichlorobenzene	<12		<11		<13		<13		<12		<0.61		NS
1,4-Dioxane	<7.4		<6.3		<7.8		<7.5		<7.1		<0.37		NS
2-Butanone	**22**	**D**	<5.2		**37**	**D**	**31**	**D**	**100**	**D**	**4**		NS
2-Hexanone	<8.4		<7.2		<8.9		<8.6		<8		<0.42		NS
4-Methyl-2-pentanone	<8.4		<7.2		<8.9		<8.6		<8		**1**		NS
Acetone	**490**	**D**	**190**	**D**	**760**	**D**	**1200**	**D,E**	**1300**	**D,E**	**30**		NS
Benzene	<6.6		<5.6		<6.9		<6.7		<6.3		**0.71**		NS
Benzyl chloride	<11		<9.1		<11		<11		<10		<0.53		NS
Bromodichloromethane	<13		<11		<13		<13		<12		<0.63		NS
Bromoform	<21		<18		<22		<22		<20		<1.1		NS
Bromomethane	<8		<6.8		<8.4		<8.1		<7.6		<0.39		NS
Carbon disulfide	<6.4		<5.4		**21**	**D**	**9.1**	**D**	<6.1		<0.32		NS
Carbon tetrachloride	<6.4		<5.5		<6.8		<6.6		<6.2		**1**		5
Chlorobenzene	<9.4		<8.1		<10		<9.6		<9		<0.47		NS
Chloroethane	<5.4		<4.6		<5.7		<5.5		<5.2		<0.27		NS
Chloroform	**74**	**D**	<8.5		**25**	**D**	<10		<9.6		**0.55**		NS
Chloromethane	<4.2		<3.6		<4.5		<4.3		<4		**1.7**		NS
cis-1,2-Dichloroethylene	<8.1		<6.9		<8.6		<8.3		<7.8		<0.4		NS
cis-1,3-Dichloropropylene	<9.3		<7.9		<9.9		<9.5		<8.9		<0.46		NS
Cyclohexane	<7.1		<6		<7.5		<7.2		<6.7		**0.53**		NS
Dibromochloromethane	<16		<14		<17		<17		<16		<0.82		NS
Dichlorodifluoromethane	<10		<8.7		<11		<10		<9.7		**3.7**		NS
Ethyl acetate	<7.4		<6.3		<7.8		<7.5		<7.1		<0.37		NS
Ethyl Benzene	<8.9		<7.6		<9.4		<9.1		<8.5		**0.53**		NS
Hexachlorobutadiene	<22		<19		<23		<22		<21		<1.1		NS
Isopropanol	<5		**27**	**D**	<5.3		<5.1		<4.8		**6**		NS
Methyl Methacrylate	<8.4		<7.2		<8.9		<8.6		<8		<0.42		NS
Methyl tert-butyl ether (MTBE)	<7.4		<6.3		**10**	**D**	<7.5		<7		<0.37		NS
Methylene chloride	<7.1		**250**	**D**	**29**	**D**	<7.3		<6.8		**3.9**		NS
n-Heptane	<8.4		<7.2		**21**	**D**	<8.6		<8		**0.54**		NS
n-Hexane	<7.2		<180		**58**	**D**	**8.1**	**D**	<6.9		**0.86**		NS
o-Xylene	<8.9		<7.6		**13**	**D**	**9.1**	**D**	**12**	**D**	**0.66**		NS
p- & m- Xylenes	<18		<15		**23**	**D**	<18		**28**	**D**	**1.6**		NS
p-Ethyltoluene	<50		<43		<53		<51		<48		<2.5		NS
Propylene	<3.5		<3		**42**	**D**	**20**	**D**	<3.4		<0.18		NS
Styrene	<8.7		<7.5		<9.3		<8.9		<8.3		**0.43**		NS
Tetrachloroethylene	**39**	**D**	<12		**68**	**D**	**31**	**D**	**42**	**D**	**0.83**		100
Tetrahydrofuran	<6		<5.2		<6.4		<6.2		<5.8		**0.9**		NS
Toluene	<7.7		<6.6		**26**	**D**	**17**	**D**	**20**	**D**	**1.6**		NS
trans-1,2-Dichloroethylene	<8.1		<6.9		<8.6		<8.3		<7.8		<0.4		NS
trans-1,3-Dichloropropylene	<9.3		<7.9		<9.9		<9.5		<8.9		<0.46		NS
Trichloroethylene	<5.5		<4.7		<5.8		<5.6		<5.3		<0.27		5
Trichlorofluoromethane (Freon 11)	<12		<9.8		**37**	**D**	**21**	**D**	<11		**2.2**		NS
Vinyl acetate	<7.2		<6.2		<7.6		<7.4		<6.9		<0.36		NS
Vinyl Chloride	<5.2		<4.5		<5.6		<5.3		<5		<0.26		NS
Total VOCs	**636**		**467**		**1182**		**1359.3**		**1525**		**65.64**		NS

NOTES:

Gray shading indicates exceedance of standard

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 A

June 2013 Phase I ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

1926 Longfellow Avenue and 1939 West Farms Road, Bronx, New York
(Tax Block 3016, Lots 38 and 42)

	
Site looking south	Site looking north

Prepared for:
Shri Sainath LLC
1922 Boston Road
Bronx, New York 10460

Prepared by:

Tenen Environmental, LLC
121 West 27th Street, Suite 1004
New York, NY 10001

June 2013

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with ASTM E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The Phase I ESA was performed by Mr. Matthew Carroll, of Tenen Environmental. LLC (Tenen), an Environmental Professional as defined in 40 CFR 312. The Site reconnaissance was conducted by Mr. Matthew Carroll on March 28, 2013.

The Site, located in the Bronx, New York, consists of two (2) lots. The tax map designation of the property is Block 3016, Lots 42 and 38. Lot 42 (1939 West Farms Road) is a roughly triangular-shaped parcel of 32,240 square feet bounded by Boston Road and West Farms Road. Lot 38 (1926 Longfellow Avenue) is a 6,678-square foot parcel adjoining Lot 42 to the southwest and fronting Longfellow Avenue. The property is currently improved with a hotel with rear parking, an asphalt-paved parking area and a vacant area covered with demolition debris.

The Site was developed as early as 1868, but with unknown uses. Historic maps dated 1885 through 1896 show the Site as developed with a group of six buildings labeled "carriage house". By 1901, a wagon factory with several buildings is shown on the eastern portion and an additional building is present on the western part of the property. The 1915 map shows the Site as vacant except for two small buildings. By 1926, a two-story entertainment complex, including a lobby and 2,700-person capacity theater with a stage and dressing rooms, and a second floor dance palace, was constructed on the Site. In later years, the buildings also contained commercial spaces, offices, a motor freight operation, an auto repair shop, an awning manufacturer, a brush manufacturer and a pizzeria. The southwest portion was used as a parking area and a rear yard for the repair shop and auto service on the south adjacent property (1931 West Farms Road). Based on the 2011 C of O, a hotel was constructed around this time, which would have required the demolition of the former Site buildings.

Similar to the Site, adjacent and surrounding properties were predominantly developed by 1868. Part of the Bronx River was present on the southern part of the east adjacent property until approximately 1951, at which time the course was rerouted and this portion was filled in. Pertinent historic uses of adjacent properties include: a tannery, a fire engine house, a carriage house, a portion of "The Bronx Co. Bleaching, Dyeing and Printing Wks." (including a print shop, a bleach house, a starch & dry house, a dye house, a drying room, an office, boilers and an engine room), a paint shop, an auto house, a roofer, an undertaker, laundries, auto repair shops, a rail yard, dry cleaners, and a bowling alley. Gasoline tanks, solvent tanks and filling stations are shown on adjacent properties. The nature of the surrounding area is similar to that of the Site and adjacent lots, with the earliest maps showing development with some residential and a variety of commercial and manufacturing uses.

Regarding the Site, adjacent and surrounding properties, the results of the Sanborn map, city directory, historic topographic map and aerial photograph reviews are consistent with commercial and industrial uses. The historic uses at the Site and adjoining and surrounding properties likely involved the use and disposal of hazardous materials, including solvents and petroleum products. Based on the widespread and long-term uses of these materials, it is likely that a release has occurred.

The regulatory database review shows there were several releases in the area, including reference to area-wide groundwater impacts, which is indicative of historic commercial and industrial uses in the area.

Both lots were included in the New York City Department of City Planning (NYCDCP) Crotona Park East Rezoning (CEQR #10DCP017X). The rezoning placed e-designations on the property for hazardous materials, air quality (fuel type and setback) and noise (42 dBA).
Tenen has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM E 1527-05 1926 Longfellow Avenue and 1939 West Farms Road in the Bronx, New York (the Property). Any exceptions to, or deletions or deviations from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the property, with the exception of the following:

- Historic commercial and industrial uses of the Site, adjacent and surrounding properties.

1.0 INTRODUCTION

1.1 Site Description

The Site, located in the Bronx, New York, consists of two (2) lots. The tax map designation of the property is Block 3016, Lots 42 and 38. Lot 42 (1939 West Farms Road) is a roughly triangular-shaped parcel of 32,240 square feet, extending approximately 197 feet along the west side of West Farms Road and approximately 255 feet along the east side of Boston Road. Lot 38 is a square parcel adjoining Lot 42 to the southwest, with approximately 86 feet of frontage extending along Longfellow Avenue and an area of approximately 6,678 square feet. The original Site address was 1922 Boston Road. The current Site addresses were recently issued by the Office of the Bronx Borough President. Other addresses associated with the Site are 1900-1944 Boston Road.

The property is currently improved with a hotel with rear parking, an asphalt-paved parking area and a vacant area covered with demolition debris. The hotel is in the southwest corner of Lot 42 and fronts Boston Road, the parking area comprises all of Lot 38 and fronts Longfellow Avenue, and the vacant area is the remaining portion of Lot 42 and fronts both Boston Road and West Farms Road.

Both lots are zoned residential (R8X) with a commercial (C2-4) overlay and were included in the NYCDCP Crotona Park East Rezoning (CEQR #10DCP017X). The rezoning placed e-designations on the property for hazardous materials, air quality (fuel type and setback) and noise (42 dBA).

A Site location figure is included in Appendix A and photographs from the Site reconnaissance are included in Appendix B.

1.2 Scope of Services

This Phase I Environmental Site Assessment (ESA) was performed in accordance with ASTM E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify recognized environmental conditions (RECs) in connection with the Site. This was undertaken through user-provided information; a regulatory database review; historical and physical records review; interviews; and a visual non-invasive reconnaissance of the Site and adjoining properties. Limitations, ASTM deviations, and significant data gaps are evident from reviewing the applicable scope of services and the report text.

1.3 Standard of Care

This ESA was performed in accordance with ASTM E1527-05 and generally accepted practices used in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this Site, are of limited scope, are noninvasive and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the Site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records, some of which may document environmental concerns, were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property and the performance of a Phase I ESA is

intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the Site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment.

1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

This ESA did not include subsurface or other invasive assessments, business environmental risk evaluations or other services not particularly identified and discussed herein. Reasonable attempts were made to obtain information within the scope and time constraints; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

No significant data gaps were identified in the performance of this Phase I ESA. The first developed use of the property is unknown. Based on historical research, the property was developed, with an unknown use, since at least 1868 (Beers West Farms Atlas). This data gap is not considered to be significant based on the amount of historical information about the existing building.

The significance of these limitations and missing information, if any, with respect to the findings of this Phase I ESA has been evaluated and it has been determined that no significant data gap is present. However, it should be recognized that an evaluation of the significance of these data gaps is based on the information available at the time of report issuance and an evaluation of information received after the report issuance date may result in revisions to the findings of this Phase I ESA.

This report represents the final document; its text may not be altered after final issuance. Findings in this report are based upon the Site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after Site renovation or development). Further, the contents of this Phase I ESA are not to be construed as legal interpretation or advice.

1.5 Reliance

This Phase I ESA report is prepared for the exclusive use and reliance of Shri Sainath LLC. Use or reliance by any other party is prohibited without the written authorization of the above entities. The User has requested this Phase I ESA as part of due diligence associated with a rezoning action.

Continued viability of this report is subject to ASTM E1527-05 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-05.

1.6 Client-Provided Information

Mr. Pankajkumar P. Shah of Shri Sainath LLC completed a Phase I ESA User Questionnaire to provide the following information relative to the site. A copy of the completed User Questionnaire is provided in Appendix E.

1.6.1 Knowledge of Environmental Liens or Activity and Use Limitations (AULs)

The User is not aware of any environmental liens or AULs filed or recorded under federal, state, or local law.

1.6.2 Specialized Knowledge or Experience

The User does not have any specialized knowledge or experience related to the Site or nearby properties, such as knowledge of the chemicals or processes used by the current or former occupants of the Site or any adjoining property, with the exception of the use of the property as a theater, carriage factory, auto repair shop, multi-dwelling and parking lot.

1.6.3 Significantly Lower Purchase Price

Based on information obtained from the User, the Site is not being sold at this time.

1.6.4 Commonly Known or Reasonably Ascertainable Information

The User is not aware of any commonly known or reasonably ascertainable information about the Site that may help to identify conditions indicative of releases or threatened releases

1.6.5 Obvious Indicators

The User is not aware of any obvious indicators that point to the presence or likely presence of contamination at the Site

1.6.6 Proceedings Involving the Site

The User is not aware of any pending, threatened, or past environmental litigation, proceedings, or notices of possible violations of environmental laws or liability in connection with the Site.

2.0 PHYSICAL SETTING

According to the Central Park, New York Quadrangle USGS Topographic Map (2013), included as Figure 1 in Appendix A, the property lies at between elevations of approximately 20 and 30 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The surface topography at the Site and surrounding area slopes downward to the east, toward the Bronx River.

Groundwater is assumed to be within 20 to 30 feet of the ground surface. Groundwater flow is assumed to be to be locally east, toward the Bronx River. Groundwater is not used as a source of potable water in this area of the Bronx.

The Federal Emergency Management Agency (FEMA) flood insurance rate map for the Site (Map Number 3604970084F) indicates that the Site is located in Zone X, outside of the 0.2% annual chance floodplain (500 year flood).

3.0 HISTORICAL USE INFORMATION

The following historical sources were reviewed: Sanborn fire insurance maps, aerial photographs, topographic maps and city directories. Copies of these resources are included in Appendix C. Additionally, records from New York City agencies were reviewed and copies of these documents are included in Appendix E. A summary of the historical review is included in Section 3.9.

3.1 Sanborn Fire Insurance Maps

Maps were available for the following years: 1896, 1898, 1901, 1903, 1915, 1919, 1928, 1950, 1969, 1977, 1978, 1979, 1980, 1981, 1983, 1984, 1985, 1986, 1989, 1991, 1992, 1993, 1994, 1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, and 2007. Information obtained from the Sanborn map review is provided below.

Sanborn Fire Insurance Maps

Map Date	Location Covered	Description
1896	Site	The property appears to be parceled into eight lots, one of which appears vacant. The lot to the southeast is a carriage factory with several one- and two-story buildings. The remaining lots are shown with one- and two-story buildings of unknown uses. The buildings along West Farm Road are shown as extending into the roadway.
	Adjacent	The southern-adjacent properties include a large one-story building labeled as vacant, along West Farms Road, and a one- and two-story building of unknown use along Longfellow Street. The property across Longfellow Street, to the west, is shown as a one- and two-story building of unknown use. The property across Boston Road to the northwest includes thirteen one- and two-story buildings of unknown use; Lillian Place bisects the property. The properties to the north and northeast, across the intersection of Boston Road and Tremont Avenue, include many one- and two-story buildings of unknown use, one of which has a carriage house. The property to the east includes several one- and two-story buildings of unknown use fronting West Farms Road and Tremont Avenue and a portion of "The Bronx Co. Bleaching, Dyeing and Printing Wks." The portion on the adjacent property includes a print shop, a bleach house, a starch & dry house, a dye house, a drying room, an office and some buildings of illegible or unknown use. The southern portion of the eastern-adjacent property appears to be part of the Bronx River.
	Surrounding	The surrounding area is developed with a mixture of commercial and manufacturing to the south and what is likely residential to the west, north and northeast, based on the presence of a grammar school and two churches. The area to the east, across the Bronx River, appears to be predominantly vacant.

Map Date	Location Covered	Description
1901	Site	The site is parceled into five lots, two of which are vacant (including the northern-most area). A wagon factory with several one- and two-story buildings is present on the eastern portion of the property. A one-story building of unknown use is present on the western portion of the property.
	Adjacent	The southern-adjacent properties are shown as vacant along West Farms Road and a one- and two-story building of unknown use along Longfellow Street. The property to the west, across Longfellow Street, is used as a hay store. The property across Boston Road to the west includes several one- and two-story buildings of unknown use and a hotel; the property remains bisected by a street (Division Street, formerly Lillian Place). The properties to the north and northeast appear to be similar to the 1896 map, with the exception of one property fronting the current East 178th Street that is labeled as a paint shop. The properties to the east are also similar to the 1896 map, the factory buildings on the adjacent property are shown as a print shop, a color room, a jig room, an office, a carpenters shop, drying rooms, a dye room or are unlabeled; one building along West Farms Road is shown as a mission.
	Surrounding	There is increased development with two (2)-story buildings to the northeast, and a paint shop is shown north of the Site along Boston Road. Several additional structures are shown to the south, south of Rodman Place. The area along the Bronx River has been divided into smaller lots, which are occupied by several additional commercial operations. Additional structures are also shown along Longfellow Street, to the south
1903	Site, Adjacent, Surrounding	There are no site-specific uses shown on this map.
1915	Property	The site is shown as vacant with the exception of a small one-story building of unknown use on the northern portion of the property. A small structure of unknown use is shown within West Farms Road but abutting the eastern border of the site.

Map Date	Location Covered	Description
	Adjacent	The southern-adjacent properties are shown as vacant, as is the property to the west across Longfellow Street. The western-adjacent properties across Boston Road are shown as one- and two-story residential and/or commercial buildings with the following uses noted: auto house, roofer, restaurant and vacant. The bisecting roadway is not mapped and is shown as vacant. The northwestern-adjacent properties are more developed, predominantly with one-, two- and three-story residential and/or commercial buildings with the following uses noted: "chine. laundry," office, drugs (presumably a drugstore), confectioner, bakery, livery, undertaker. Several sheds and gardens are shown behind the buildings. The northeastern-adjacent properties are developed with two- and three-story residential and/or commercial buildings with the following uses noted: paints, "chine. laundry," confectioner and a repair shop. The northern portion of this northern-adjacent property is the Boston Road Yard railroad yard, built in 1909, for the Interboro Rapid Transit Company (IRT). The rail yard includes several buildings, including an inspection shed. An IRT station, with elevated tracks above Boston Road, is shown north of the site. The eastern-adjacent property includes one- and two-story residential and/or commercial buildings along West Farms Road and Tremont Avenue with the following uses noted: furrier, coop, offices and a post office. The Bronx Company appears to have expanded, with the following uses noted on the eastern-adjoining property: printing, bleaching & sewing, dyeing, a drying room, boilers, an engine room and offices.
	Surrounding	The surrounding area is developed with several residential and/or commercial and institutional uses. The formerly vacant lot south of the Site block is depicted as a plant nursery. The formerly vacant area on the opposite side of the Bronx River is shown as a finisher of cotton goods.
1950	Site	The majority of the site is used as a two-story entertainment complex built in 1926. The site includes first-floor stores along Boston Road with a dance palace on the second floor, a lobby and a 2,700-person capacity theater with a stage and dressing rooms. The northernmost area appears to be used as a commercial space and offices. A rear yard is present in the center of the site. The southwestern portion of the site is vacant but labeled as the rear yard for 1931 West Farms Road, which is used as a repair shop and auto service.

Map Date	Location Covered	Description
	Adjacent	The southern-adjacent properties include a vacant area fronting Longfellow Avenue (formerly Longfellow Street) and a repair shop / auto service, including two gasoline tanks and an office, fronting West Farms Road. The western-adjacent property, across Longfellow Avenue, is a filling station with a small building. The western-adjacent properties, across Boston Road, include several single- and multiple-family dwellings, some of which also have commercial uses, as well as a filling station with a small building, a parking area and a mattress manufacturer. The northwestern-adjacent properties appear developed with one- and two-story residential and/or commercial buildings with the following uses noted: meeting rooms, undertaker, drugs (presumably a drugstore), billiards and a dance hall (please note that a portion of the map appears to be copied incorrectly). The northeast-adjacent properties include several commercial and manufacturing uses; the rail yards, now operated by New York City Transit, appear smaller than those shown on the1915 map and the following uses are noted: a filling station (under the overhead trestle, which remains), a club, furniture and upholstery stores, unspecified manufacturing and several auto houses. The eastern-adjacent property is shown as vacant with the exception of some buildings nearer to Tremont Avenue, including a dry cleaner with a solvent tank, offices, a photography store and a bowling alley.
	Surrounding	The surrounding area is similar to the 1915 map, with a mixture of residential and/or commercial and institutional uses. The formerly occupied lots south of the school one block west of the Site are vacant and used as a playground and the former plant nursery to the south on the south side of Rodman Place is shown as a garage/auto repair shop with two (2) 550-gallon gasoline tanks. The former cotton finishing operation across the Bronx River is not shown.
1977, 1978	Site	No changes from the 1950 map, with the exception of a school being operated on the second floor of the western portion fronting Boston Road in the 1977 map (the 1978 map only notes a commercial space on the first floor) and a motor freight station operating in the seating area of the theater, along West Farms Road.
	Adjacent	No changes to the western property across Longfellow Avenue. The southern-adjacent properties include a contractor's equipment service yard and repair shop (associated with the vacant southwestern portion of the site) fronting West Farms Road and storage fronting Longfellow Avenue. The western-adjacent property across Boston Road is developed with a five-story, open-deck parking garage and a one-story commercial space fronting Tremont Avenue. The northwestern-adjacent property is developed with a one- and 21-story residential building with a community center and associated parking lot. The northeastern-adjacent property is used as a shopping center with associated parking decks and a warehouse. A public school (I.S. 167) is present on the eastern-adjacent property. The course of the Bronx River has been altered and it is no longer on the eastern-adjacent property.

Map Date	Location Covered	Description
	Surrounding	The surrounding area to the south and west is a mixture of residential and/or commercial spaces, while the other areas are predominantly developed with large apartment buildings and stores. A dry cleaning operation is shown south of the Site on the north side of the Cross Bronx Expressway service road.
1979, 1980, 1981, 1983, 1984, 1985, 1986, 1989, 1991, 1992, 1993	Site, Adjacent, Surrounding	No change from 1978 map.
1994, 1995, 1996, 1998	Site	Similar to prior maps. The open lot on the site, to the southwest, is shown as being used for parking in the 1994 and subsequent maps.
	Adjacent	No change from 1978 map.
	Surrounding	Similar to 1978 map.
2001, 2002, 2003, 2004	Site, Adjacent, Surrounding	No change from prior maps
2005	Site	An auto repair operation is shown on the Site, north of the stage area and bordering West Farms Road.
	Adjacent	No change from prior maps.
	Surrounding	Similar to prior maps.
2006, 2007	Site	No change from 2005 map.
	Adjacent	No change from 2005 map
	Surrounding	Similar to prior maps.

The review of the historic Sanborn maps indicates that commercial and industrial uses were present at the Site, adjacent and surrounding properties, which are considered a REC.

3.2 Historical Maps

Tenen reviewed the historical maps from 1868, 1873, 1874, 1885, 1888, 1889, 1893, 1895, 1896, 1897, 1901, 1918, 1921, 1924, 1956 and 1979. The results of the map review are summarized below. In some instances, the maps did not provide property-specific information or did not add pertinent information; these maps are not included.

Historical Maps

Map Date	Location Covered	Description
1868	Site	Site-specific information is not shown.
	Adjacent	Adjacent properties are developed with buildings of unknown use. The eastern-adjacent property, across West Farms Road, appears to be developed with several large buildings.
	Surrounding	The surrounding area is developed with buildings of unknown use.
1873	Site	The Site is developed with several buildings of unknown use.
	Adjacent	The adjacent properties are developed; however, no uses are noted. The eastern-adjacent property is developed with several large buildings.

Map Date	Location Covered	Description
	Surrounding	The surrounding area is developed with buildings of unknown use.
1885	Site	The Site is developed with several buildings including a group of six buildings that are labeled "carriage parts".
	Adjacent	The adjacent properties are developed; however, the only uses noted are a fire engine house to the southwest and a tannery to the east.
	Surrounding	The surrounding area is mostly developed with building of unknown uses.
1888	Site	The Site is developed with several stores and buildings of unknown uses; the northern portion is labeled as "Charles Berrians Land."
	Adjacent	The adjacent properties are developed with the following uses noted: store (west), church (southeast), mansion (east), garden (east), drug store (east), garden (east), carpet factory (east) and mill (east).
	Surrounding	The surrounding area is mostly developed with buildings of unknown uses; however, a carpet factory, bakery, smith and some other commercial uses are shown.
1893	Site	The Site is divided into four lots, two with buildings of unknown use, one that appears vacant and a one used as a carriage factory.
	Adjacent	The adjacent properties are developed; however the only uses noted are a church to the southeast and the Bronx Bleachery to the east, where the tannery was formerly located.
	Surrounding	The surrounding area is developed with buildings of unknown uses, except for two churches to the north.
1896	Site	The Site is divided into several lots with one- and two-story buildings all of which are of unknown use except for a group along West Farms Road used as a carriage factory.
	Adjacent	Adjacent properties are developed with one- and two-story buildings of unknown use except a vacant building to the southeast and The Bronx Company (bleaching, dyeing and printing works) on a portion of the eastern-adjacent property, across West Farms Road.
	Surrounding	The surrounding area is developed with one- and two-story buildings, some with commercial and/or institutional use noted.
1901	Site	The majority of the Site does not have any buildings or use noted; however, there are three unlabeled buildings and one labeled as a wagon works.
	Adjacent	The adjacent properties are developed; however, the only specific uses noted are a firehouse, a blacksmith and The Bronx Company (bleaching and finishing).
	Surrounding	The surrounding area is developed similarly to the 1896 map.
1921	Site	The majority of the Site does not have any buildings or use noted; however, there are three unlabeled buildings along West Farms Road.
	Adjacent	The adjacent properties are developed; however, the only specific uses noted are Bronx Bleachery.
	Surrounding	The surrounding area is developed similarly to the 1896 map.

The review of the historic maps indicates that commercial and industrial uses were present at the Site, adjacent and surrounding properties; these historic uses are considered a REC.

3.3 Historical Photographs

Available historic aerial photographs were accessed via NYCityMap on March 1, 2013 for the following years: 1924, 1951, 1954, 1966, 1974, 1975, 1984, 1994, 1996, 2006, 2008 and 2010. In addition, tax lot photographs from the 1980's were also reviewed. The results of the photograph review are summarized below.

Historical Aerial Photographs

Photograph Date	Location Covered	Description
1924	Site	The northern portion of the Site is developed with one building of unknown use. The current parking lot appears to be developed; however, the photograph is not very clear.
	Adjacent	All adjacent properties appear to be developed, with the exception of the western-adjacent property across Longfellow Avenue; the rail yards on the northeastern-adjacent property and a factory on a portion of the eastern-adjacent property are the only identifiable uses. A rail line is present along Boston Road. The Bronx River is on a portion of the eastern-adjacent property.
	Surrounding	The majority of the surrounding area is developed with what appear to be residential buildings. An amusement park is present on the eastern side of the Bronx River.
1951	Site	The north portion of the Site is developed with a building fronting Boston Road and a larger building fronting West Farms Road, with a yard between the two buildings. The southwestern portion of the Site appears undeveloped.
	Adjacent	The adjacent properties are developed with buildings of unknown use; the majority of the eastern property appears under construction and the Bronx River course is being modified.
	Surrounding	The surrounding area is more fully developed; the majority of the properties appear to be residential, with some commercial/industrial uses along the Bronx River.
1954, 1966	Site	No apparent changes from the 1951 photograph.
	Adjacent	No apparent changes from the 1951 photograph with the exception of the eastern-adjacent property, which has been completely graded.
	Surrounding	No major changes from the 1951 photograph.
1974	Site	No apparent changes from the 1951 photograph.
	Adjacent	No apparent changes from the 1966 photograph with the exception of the following: western- and northeastern-adjacent properties have been developed with new buildings of unknown uses and the eastern-adjacent property has been developed with what appears to be the present-day school building.
	Surrounding	No major changes from the 1951 photograph.
1975, 1984, 1994, 1996, 2006, 2008, 2010	Site	No apparent changes from the 1951 photograph.
	Adjacent	No apparent changes from the 1966 photograph with the exception of the northwestern-adjacent property, which has been developed with what appears to be the present day parking lot associated with the housing complex.
	Surrounding	No major changes from the 1951 photograph.

Photograph Date	Location Covered	Description
1980 Tax Lot Photos	Site	The southwestern portion of the site is used as a parking area. The larger building fronting West Farms Road appears to be approximately seven stories, with no windows on the southern portion. There is a sign that reads "ALPS HOTEL MOTEL," which may or may not be indicative of the Site use.
	Adjacent	The southeastern-adjacent property is used as a marble store.

No RECs were identified based upon the review of historic aerial photographs. However, the aerial photographs are consistent with the presence of commercial and industrial uses at the site, adjacent and surrounding properties that are considered a REC.

3.4 City Directories

Available city directory listings were provided by EDR for the following years: 1927, 1931, 1940, 1949, 1956, 1961, 1965, 1971,1983, 1993, 2000, 2005, 2007, and 2012.

Site. Addresses pertaining to the Site were listed in the city directories dated 1940, 1949, 1956, 1961, 1965, 1971, 1983, 1993, 2000, 2005, 2007 and 2012 and are described below.

1900 Boston Road: residential (1940), trucking company (1940)

1910 Boston Road: home improvement company (1940, 1949), aluminum awning company (1956), business school (1961), dental laboratory (1976)

1912 Boston Road: sales company (1940), uniform distributor (1961, 1965)

1914 Boston Road: brush manufacture (1949), typesetter (1956)

1918 Boston Road: printing company (1940, 1949, 1956, 1961, 1965, 1971)

1920 Boston Road: home improvement company (1956)

1922 Boston Road: hotel (1983, 1993, 2000, 2005, 2007, 2012), Shri Sainath LLC (2007), AAA Roadside Assistance (2012)

1924 Boston Road: surgical supply (1940, 1949, 1956, 1961, 1965)

1926 Boston Road: Collazi, Joseph, Art (1949)

1928 Boston Road: haberdasher (1956, 1961), dryer distributing corporation (1961), business machines (1971)

1930 Boston Road: Chester Palace (1940), ballroom (1949, 1956), business school (1965, 1971, 1976)

1934 Boston Road: antique shop (1949), television distribution ((1956), business school (1971), employment agency (1976), candy store (1979)

1936 Boston Road: pizzeria (1983)

1938 Boston Road: business school (1940, 1976), sportswear company (1983), nightclub (1993, 2000), Rico Mar BH (2005)

1942 Boston Road: confectionary (1940, 1949), luncheonette (1956, 1961), tavern (1971, 1976, 1983, 1993, 2000, 2005)

1944 Boston Road: auto accessories (1940, 1949, 1956, 1961, 1965), footwear (1983, 1993, 2000), store (1976)

Adjacent Properties. City directory listings for properties adjacent to the Site are primarily commercial and manufacturing. Listings for 1898 Boston Road, the western adjacent property across Longfellow Avenue, indicate use as a gasoline service station (1956, 1961, 1965, 1971, 1983, 1993), auto repair (2005), construction (2005), and boiler repair (2005). Additional uses of adjacent and surrounding properties include painting (1927), marble/tile company (1983, 1993, 2000, 2005, 2007, 2012), garage (1940), tinsmith (1940, 1949), tavern (1956, 1961, 1965, 1971), service station (1940, 1949, 1956, 1961), auto repair (1971), photographer 1927, 1940), real estate companies (1927, 1940, 1961), dentist/dental laboratory (1927, 1940, 1961), social clubs (1961, 1965), stationary store (1927, 1940, 1961), lighting company (1961), check cashing (1971), auto supply store (1965, 1971), professional offices (1927, 1961, 1965), building contractors (1927, 1961, 1965), grocer (1927), butcher (1972), appliance company (1949), and employment agency (1961, 1965).

The review of the city directories indicates the presence of commercial and industrial uses at the Site and adjacent properties; these historic uses are considered a REC.

3.5 New York City Department of Buildings

Available information from the New York City Department of Buildings (NYCDOB) Building Information System (BIS) was reviewed. Certificates of occupancy (C of Os) were available for 1936 Boston Road (a.k.a. 1963 West Farms Road) and are discussed below. The referenced certificates of occupancy are included in Appendix E.

Certificates of Occupancy

A certificate of occupancy dated 10/69 references a two (2)-story building with cellar; boiler room/storage in cellar, retail stores and freight consolidation on the first floor and second floor (unoccupied) offices and classrooms. Later C of Os (8/2/78, 10/26/83, 2/28/91) list a boiler room/storage in cellar; first floor freight consolidation depot, retail stores and hotel; second floor offices and hotel; 13 accessory parking spaces. The 1991 C of Os also reference a second floor banquet hall. Temporary C of Os dated 12/23/10, 3/29/11 and 6/22/11 and the final C of O dated 8/15/11 reference a cellar (hotel, boiler room, offices), a hotel on the first and second floors and 1200 square feet of open space used for parking for four (4) cars.

Additional information (job filings, violations) available from DOB was also reviewed. No RECs were identified based on a review of DOB information.

3.6 Title Search

Tenen reviewed the title information provided by the User and documentation (deeds and easements) available from NYC ACRIS. This information does not indicate the presence of a REC.

3.7 Environmental Liens/Activity and Use Limitations

As detailed in Section 1.6.1, the User is not aware of any environmental liens or activity and use limitations.

3.8 Historical Interviews

The User requested information from the owner of the Site, including information listed in the interviews section and list of helpful documents included in ASTM 1527-05. The User completed a User Questionnaire and any additional information provided from the User is included in this Phase I ESA where appropriate.

3.9 Historical Use Information Summary

Site. The earliest historical sources (maps dated 1868 through 1896) depict the Site property as already developed. Historic maps dated 1885 through 1896 show the Site as developed with a group of six buildings labeled "carriage house". By 1901, a wagon factory with several buildings is shown on the eastern portion and an additional building is present on the western part of the property. The 1915 map shows the Site as vacant except for two small buildings. In 1926, a two-story entertainment complex, including a lobby and 2,700-person capacity theater with a stage and dressing rooms, and a second floor dance palace, was constructed on the Site. These features are depicted on a 1950 map, which also shows commercial space and offices on the northernmost part of the Site, and first floor stores along Boston Road. The vacant southwest portion is a rear yard for the repair shop and auto service on the south adjacent property (1931 West Farms Road). With the exception of school operations on the second floor of the properties fronting Boston Road, and the addition of a motor freight station in the prior seating area of the theater, there were relatively few changes to the Site between 1950 and 1977, the date of the next available map. Site operations remained unchanged through 2005, when an auto repair shop is depicted north of the former stage area, along West Farms Road. This operation is shown through 2007, the date of the most recent map. Based on the 2011 C of O, a hotel was constructed around this time, which would have required the demolition of the former Site buildings.

Adjoining and Surrounding Properties. Similar to the Site, the earliest maps show the adjacent and surrounding properties as already developed with a variety of uses, with the adjacent properties developed as early as 1868. The 1885 map shows a tannery to the east and a fire engine house to the southwest. The 1896 map shows the south adjacent lots as being occupied by a large one-story building labeled as vacant, along West Farms Road, and a one- and two-story building along Longfellow Street. The property across Longfellow Avenue, to the west, contains a one- and two-story building of unknown use. The property across Boston Road to the northwest includes thirteen one- and two-story buildings of unknown use. The properties to the north and northeast, across the intersection of Boston Road and Tremont Avenue, include many one- and two-story buildings, including a carriage house. The east adjacent property includes several one- and two-story buildings fronting West Farms Road and Tremont Avenue and a portion of "The Bronx Co. Bleaching, Dyeing and Printing Wks." replacing the former tannery. The western portion of the east adjacent property includes a print shop, a bleach house, a starch & dry house, a dye house, a drying room, an office and some buildings of illegible or unknown use. Part of the Bronx River is shown on the southern part of the east adjacent property. Uses of most adjacent properties remained relatively constant through 1901, when a paint shop is shown on East 178th Street. By 1915, the properties to the west along Boston Road include both residential and commercial buildings, with the latter housing an auto house and roofer. Commercial uses to the northwest include a drugstore, confectionary, bakery, livery and undertaker and those to the northeast include a laundry, confectioner and repair shop. An IRT rail yard, constructed in 1909, occupies the northern part of the north adjacent property, and an IRT station, with elevated tracks, is shown north of the Site as early as 1901. Operations

on the east adjacent property have expanded to include printing, bleaching and sewing, dyeing, a drying room, boilers, an engine room and offices. Sometime prior to 1950, several of the adjacent properties were developed with auto-related uses. The map shows an auto repair shop, with two (2) 550-gallon gasoline tanks to the south, fronting West Farms Road; as well as two (2) filling stations to the west, one along Longfellow Avenue, and the second along Boston Road. An additional filling station is shown to the north below the overhead trestle and the overall rail yard operation appears to be smaller than that shown in 1915. The prior dye and textile operations on the east adjacent property are not shown; that property is vacant except for several buildings near Tremont Avenue, occupied by a dry cleaner with a solvent tank, a photography store, and a bowling alley. Sometime prior to 1977, the northwestern adjacent property was developed with a large residential building, with a community center and parking lot, and a shopping center, parking decks and warehouse was constructed to the northeast. A public school is shown on the east adjacent property and the course of the Bronx River has been altered, with the river no longer flowing through that lot. The south adjacent lot is shown with a contractor's equipment service yard and repair shop fronting West Farms Road and storage along Longfellow Avenue. No significant changes to the adjacent properties are shown through 2007. The nature of the surrounding area is similar to that of the Site and adjacent lots, with the earliest maps showing development with some residential and a variety of commercial and manufacturing uses. The latter include a cotton finishing operation to the southeast across the Bronx River and a plant nursery to the south. By 1950, several churches and a school are also shown, and an auto repair shop with two (2) gasoline tanks occupies a property to the south, along Rodman Place. By 1978, a dry cleaning operation is shown south of the Site. The nature of the area remains relatively unchanged, with increased residential and commercial development to the south and west.

Regarding the Site, adjacent and surrounding properties, the results of the Sanborn map, city directory, historic topographic map and aerial photograph reviews are consistent with commercial and industrial uses. The historic uses at the Site and adjoining and surrounding properties likely involved the use and disposal of hazardous materials, including solvents and petroleum products. Based on the widespread and long-term uses of these materials, it is likely that a release has occurred and therefore, these uses are considered to be a REC.

4.0 RECORDS REVIEW

Database information was provided by Environmental Data Resources (EDR) on April 4, 2013. Several available federal and state databases were searched using standard radii, as detailed in ASTM 1527-05. The database search report, including definitions and descriptions, is included in Appendix D.

4.1 Federal, State/Tribal and Proprietary Databases

The Property was not listed on any of the databases reviewed

Records for surrounding properties show that multiple properties within the standard search radii are listed in the LTANKS, HIST LTANKS and NY Spills and NY Historic Spills, and NY/NJ manifest databases, and multiple nearby sites have registered storage tanks. Each of these categories is detailed below. The following databases contain sites within the standard search radii.

Summary of Databases with Identified Sites

Database	Description	Radius	Facilities
RCRA-SQG	RCRAInfo is USEPA's information system on sites that generate, transport, store treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators generate between 100 kg and 1,000 kg of hazardous waste per month.	0.25 mi	1
RCRA CESQG	RCRAInfo is USEPA's information system on sites that generate, transport, store treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). The RCRA-CESQG database includes conditionally-exempt small quantity generators (CESQGs) which generate less than 100 kilograms (kg) of hazardous waste or less than 1 kg of acutely hazardous waste, per month.	0.25 mi	3
SWF/LF	The SWF/LF database typically contains an inventory of solid waste disposal facilities or landfills.	0.5 mi	1
NY UST / NY AST	The NY UST and NY AST databases include site with registered USTs or ASTs, respectively.	0.25 mi	9 (UST) 25 (AST)
HIST UST	The HIST UST database is based on information in the NYSDEC PBS database and contains registered USTs prior to 2002; current data is included on the NY UST database	0.25 mi	7
NY LTANKS	The NY LTANKS database includes an inventory of reported leaking storage tank incidents from April 1, 1986 through present	0.5 mi	22
HIST UST	The HIST UST database is based on information in the NYSDEC PBS database and contains registered USTs prior to 2002; current data is included on the NY UST database	0.25mi	10
NY SPILLS	The NY Spills database includes data on spills reported to the New York State Department of Environmental Conservation (NYSDEC).	0.125mi	13
NY HIST SPILLS	The NY HIST SPILLS database includes spills reported to NYSDEC prior to 2002; spills reported since that date are included in the NY SPILLS database	0.125mi	6

Database	Description	Radius	Facilities
NYHIST LTANKS	The NY HIST LTANKS database includes an inventory of reported leaking storage tank incidents prior to 2002; current data is included on the NY LTANKS database.	0.5 mi	21
TANKS	The TANKS database contains records of facilities that are or have been regulated under the Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.	0.25 mi	3
CBS	CBS facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.	1.0 mi	1
BROWNFIELDS	The BROWNFIELDS database lists sites on the NYS Brownfields Site List.	0.5 mi	2
RCRA-Non-Gen	RCRAInfo is USEPA's information system on sites which generate, transport, store treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). The RCRA-NonGen database includes sites that do not presently generate hazardous waste.	0.25 mi	16
NY/NJ MANIFEST	MANIFEST databases include documents that list and track hazardous waste from the generator through transporters to a storage or disposal facility.	0.25 mi	19
NY DRYCLEANERS	The DRYCLEANERS database contains a listing of all registered dry cleaning facilities	0.25 mi	2
E-DESIGNATION	The E-DESIGNATION database contains locations with an "E" designation placed by the New York City Department of City Planning (NYCDCP)	0.125	6

4.1.1 Federal- and State-Listed Facilities

Site. The Site address was not listed on any of the databases reviewed; however, it should be noted that, based on information from the New York City Department of City Planning, e-designations for air, noise, and hazardous materials have been placed on the Site (both lots) as part of the Crotona Park East / West Farms rezoning (CEQR #10DCP017X), certified on October 5, 2011. The e-designation texts are as follows:

Hazardous materials. Prior to redevelopment, the property owner must conduct a Phase I Environmental Site Assessment (Phase I) in accordance with the American society of Testing Materials (ASTM) E 1527-05, a soil and groundwater testing protocol, and remediation where appropriate, to the satisfaction of NYCDEP before issuance of construction-related NYCDOB permits. The (E) designation also requires mandatory construction-related health and safety plans, which also must be approved by NYCDEP.

Air quality. Any new residential and/or commercial development on the above-referenced properties must ensure that the heating, ventilating, and air conditioning stack(s) are located at least 140 feet from the lot line facing Rodman Place for fuel oil #2 and 40 feet from the lot line facing Rodman Place for natural gas to avoid any potential significant adverse air quality impacts.

Noise. To ensure an acceptable interior noise environment, future residential/commercial uses must provide a closed-window condition with a minimum of 42 dBA window/wall attenuation on all facades to maintain an interior noise level of 45 dBA. To achieve 40 dBA of building attenuation, special design

features that go beyond the normal double-glazed windows are necessary and may include using specially designed windows (i.e., windows with small sizes, windows with air gaps, windows with thicker glazing, etc.), and additional building attenuation. To maintain a closed window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, air conditioning.

Note that the noise e-designation, further states that the 42 dBA level is "based on the assumption that each floor would be occupied by sensitive receptors such as residences, schools, a daycare center, etc. Some first-floor uses may, instead, be occupied by commercial uses. In these cases, the required attenuation shown in the tables would be adjusted to achieve an interior L_{10} noise level of 50 dBA instead of 45 dBA."

Adjoining and Surrounding Properties.

One (1) upgradient facility, New York City Board of Education Public School 6 (1000 Tremont Avenue), is located directly upgradient of the Site is listed on the RCRA-SQG and AST databases. The facility was listed as a CESQG in 1995, and non-generator status was verified in 2006 and 2007. Waste types previously disposed included polychlorinated biphenyls (PCBs) (waste codes B004 and B007). No violations were noted at this location and it is not considered a REC. One (1) upgradient listing, Boston Cleaners (2040 Boston Road), within 0.25 mile if the Site, is listed on the CESQG, FINDS, MANIFEST, DRY CLEANER, and US AIRS databases. Based on the information reviewed, this facility was listed as a large quantity generator (LQG) in 1986 and as a small quantity generator (SQG) in 1999, with recorded disposal of spent halogenated solvents (F002). The information reviewed did not indicate any violations and this listing is not a REC. One (1) SWF/LF listing, Delma Engineering Corp., is located approximately 0.3 miles and upgradient from the Site. A review of the information for this listing, which also appears on the TANKS and HIST UST databases, indicates the status as "inactive". No violations or records of a release were noted and this listing is not considered a REC.

A review of the NY LTANKS database indicates that 22 LTANKS, 21 of which are upgradient, are located within 1/2 mile of the Site. Of the 21 upgradient LTANKS, 12 are also listed on the NY HIST LTANKS database. The NY HIST LTANKS database lists 21 NY HIST LTANKS within ½ mile, 20 of which are located upgradient of the Site. Based on the information reviewed, all upgradient LTANKS and NY HIST LTANKS cases have been closed. A review of the records for the upgradient listings does not indicate the presence of RECs. One upgradient LTANKS listing, Coliseum Bus Depot, is located approximately 326 feet north of the Site. The records for this facility, also listed on the NY SPILLS, AST, HIST AST, HIST UST and LTANKS databases, reference two spills (Spill Nos. 8904868 and 8905782) associated with tank test failures. Records for Spill 8905782 indicate that the No. 2 fuel oil tank was subsequently removed and the spill closed in 2000. Spill 8904868, for which the NYSDEC database references No. 2 fuel oil and diesel fuel, was closed in 2005. An investigation conducted after the reconstruction of the depot in 2006, indicated that the extent of contamination relating to Spill 8905782 was small and confined to an area beneath the existing depot. However, the records also reference a "historic plume" in the area, the extent of which is not defined. The possible presence of area-wide groundwater impacts is indicative of continued commercial and industrial uses, which are considered a REC.

Two upgradient listings, both of which are within 0.5 mile of the Site were identified on the BROWNFIELDS database. Contamination at Lebanon West Farms I and II (1160 Lebanon Street), included metals, semi-volatile organic contaminants (SVOCs), pesticides and low levels of VOCs (volatile organic contaminants) in soil and chlorinated VOCs in groundwater above New York State standards. The former railway yard is slated for eventual mixed use residential and commercial development, but is currently vacant. The record indicates that a soil vapor investigation will be

conducted should the current use change. 1800 Southern Boulevard, a former gasoline station and auto repair facility) is located approximately 0.3 mile from the Site. Contamination identified at this property included petroleum-related VOCs and SVOCs and metals in soil and groundwater and elevated VOCs in soil vapor. The remedy for this site has been completed and the Final Engineering Report submitted in December 2011. Both locations are being addressed under NYSDEC oversight within the BCP program and are not considered RECs.

One upgradient facility, West Farms Depot (1100 East 177th Street) is listed on the CBS, LTANKS and NY SPILLs databases. A review of the records for this listing indicates several prior spills, all of which have been closed.

A review of the NY SPILLS database indicates a total of 13 NY spills sites, nine (9) of which are upgradient, within 0.125 miles of the Site. All NY SPILLS cases have been closed. A total of six (6) listings, five (5) of which are upgradient, were included in the HIST SPILLS database. All HIST SPILL cases have been closed and, based on a review of these records, RECs were not identified.

Nearby sites are also located on the RCRA-NonGen, MANIFEST, TANKS, UST, AST, HIST UST, and HIST AST databases. Based on a review of these records, these facilities are not considered to be RECs.

DRYCLEANERS, a listing of registered dry cleaning facilities, contains two (2) dry cleaning operations within ¼ mile, one (1) of which is upgradient of the Site. The information for the upgradient facility, Boston Cleaners (2040 Boston Road) has been previously discussed. No violations were noted for these facilities and they are not considered RECs.

In addition to the above regulatory databases, the EDR Manufactured Gas Plant (MGP) and E Designation databases were reviewed. No information was available for the one (1) downgradient MGP listing and this listing is not considered a REC. A review of the E Designation database indicates six (6) listings, including the Site. These listings are not considered a REC.

The regulatory database review shows there were several releases in the area, including reference to area-wide groundwater impacts, which is indicative of historic commercial and industrial uses in the area, which are considered a REC.

4.1.2 FOIL Requests

On April 26, 2013, Freedom of Information Law (FOIL) requests for information pertaining to the Site were also filed with the following state and city agencies: New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH), New York City Department of Environmental Protection (NYCDEP), New York City Department of Health and Mental Hygiene, (NYCDOHM) and the New York City Fire Department (FDNY). To date no responses have been received. If any future response changes the conclusions of this report, Tenen will issue an addendum to this Phase I ESA.

5.0 SITE RECONNAISSANCE

On March 28, 2013, Matthew Carroll of Tenen Environmental conducted Site reconnaissance at the subject property and adjoining properties. Mr. Carroll was accompanied by a representative of the occupant, Mr. Mobi, manager of the Howard Johnson Express Inn. The weather was partly cloudy and in the mid 40-degrees Fahrenheit.

5.1 Site Observations

The Site consists of three different areas, including a vacant area covered with demolition debris, a hotel with rear parking and an asphalt-paved parking area. The vacant area is between West Farms Road and Boston Road, north of the hotel. The two-story hotel, a Howard Johnson Express Inn, fronts Boston Road with a porte-cochere and parking in the rear. The elevation increases along Boston Road towards the west and the elevation of the parking area to the southwest is approximately ten (10) feet higher than the vacant area. A summary of the Site reconnaissance is included in the table below; additional information is detailed as noted.

Summary of Site Reconnaissance Features

Feature	Additional Information?
Hazardous substances and/or petroleum products	No
Aboveground storage tanks (ASTs) or evidence of ASTs	No
Underground storage tanks (USTs) or evidence of USTs	No
Strong, pungent, or noxious odors	No
Pools of liquid likely to be hazardous materials or petroleum products	No
Drums	No
Unidentified substance containers	No
PCB-containing equipment	Yes
Subsurface hydraulic equipment	No
Heating/ventilation/air conditioning (HVAC)	Yes
Stains or corrosion on floors, walls, or ceilings (other than water)	No
Floor drains and sumps	No
Pits, ponds, or lagoons	No
Stained soil and/or pavement	No
Stressed vegetation	No
Waste or wastewater discharges to surface or surface waters on subject site (including stormwater)	Yes
Wells (irrigation, domestic, dry, injection, abandoned, monitoring)	No
Septic systems	No

The building is connected to public and/or publicly-regulated utilities, including natural gas, electric, stormwater and sewer. Stormwater drains are located in the rear parking area of the hotel. Trash is stored in a dumpster and removed by a private carting company.

Con Edison transformers vaults were observed in the sidewalk along Boston Road, in front of the hotel. While the transformers may contain PCBs, the equipment is owned by Con Ed and is located off-site.

HVAC is provided by individual electric units in each room.

No evidence of staining, odors or impacts to vegetation were observed in the paved parking lot to the southwest, the rear parking lot and the vacant area to the north. Some construction materials were staged on the rear parking lot and the vacant area.

No evidence of a REC was observed during Site reconnaissance.

5.3 Interviews

Tenen interviewed Mr. Pankaj Shah, representative of the Owner and User. Information provided by Mr. Shah is included on the User Questionnaire, included in Appendix E and incorporated throughout this ESA.

5.3 Adjoining and Surrounding Properties

The surrounding area is a mixture of residential, institutional and commercial uses. Adjoining properties include:

Direction	Use
South	Marble, granite and slate works to the southeast and a religious building to the southwest.
West	Auto body repair shop across Longfellow Avenue and a parking garage, liquor store and vacant area across Boston Road. An elevated rail line for the 2/5 subways is present along Boston Road.
North	The intersection of Boston Road, West Farms Road and Tremont Avenue followed by a parking area for a housing development to the northwest and commercial strip mall to the northeast.
East	West Farms Road followed by Public School 214.

No evidence of a REC was observed at any of the adjoining properties.

6.0 FINDINGS / OPINIONS

Tenen has conducted a review of ascertainable records and historical documentation in relation to the Site, adjacent properties and those within standard search radii. Site reconnaissance was conducted.

The Site, located in the Bronx, New York, consists of two (2) lots. The tax map designation of the property is Block 3016, Lots 42 and 38. Lot 42 is a roughly triangular-shaped parcel of 32,240 square feet bounded by Boston Road and West Farms Road. Lot 38 is a square parcel adjoining Lot 42 to the southwest and which fronts Longfellow Avenue. The property is currently improved with a hotel with rear parking, an asphalt-paved parking area and a vacant area covered with demolition debris.

The Site was developed as early as 1868, but with unknown uses. Historic maps dated 1885 through 1896 show the Site as developed with a group of six buildings labeled "carriage house". By 1901, a wagon factory with several buildings is shown on the eastern portion and an additional building is present on the western part of the property. The 1915 map shows the Site as vacant except for two small buildings. By 1926, a two-story entertainment complex, including a lobby and 2,700-person capacity theater with a stage and dressing rooms, and a second floor dance palace, was constructed on the Site. In later years, the buildings also contained commercial spaces, offices, a motor freight operation, an auto repair shop, an awning manufacturer, a brush manufacturer and a pizzeria. The southwest portion was used as a parking area and a rear yard for the repair shop and auto service on the south adjacent property (1931 West Farms Road). Based on the 2011 C of O, a hotel was constructed around this time, which would have required the demolition of the former Site buildings.

Similar to the Site, adjacent and surrounding properties were predominantly developed by 1868. Part of the Bronx River was present on the southern part of the east adjacent property until approximately 1951, at which time the course was rerouted and this portion was filled in. Pertinent historic uses of adjacent properties include: a tannery, a fire engine house, a carriage house, a portion of "The Bronx Co. Bleaching, Dyeing and Printing Wks." (including a print shop, a bleach house, a starch & dry house, a dye house, a drying room, an office, boilers and an engine room), a paint shop, an auto house, a roofer, an undertaker, laundries, auto repair shops, a rail yard, dry cleaners, bowling alley. Gasoline tanks, solvent tanks and filling stations are shown on adjacent properties. The nature of the surrounding area is similar to that of the Site and adjacent lots, with the earliest maps showing development with some residential and a variety of commercial and manufacturing uses.

Regarding the Site, adjacent and surrounding properties, the results of the Sanborn map, city directory, historic topographic map and aerial photograph reviews are consistent with commercial and industrial uses. The historic uses at the Site and adjoining and surrounding properties likely involved the use and disposal of hazardous materials, including solvents and petroleum products. Based on the widespread and long-term uses of these materials, it is likely that a release has occurred.

The database search indicated numerous listings of properties within the standard search radii on multiple regulatory databases. The regulatory database review shows there were several releases in the area, including reference to area-wide groundwater impacts, which is indicative of historic commercial and industrial uses in the area.

Both lots were included in the NYCDCP Crotona Park East Rezoning (CEQR #10DCP017X). The rezoning placed e-designations on the property for hazardous materials, air quality (fuel type and setback) and noise (42 dBA).

The findings indicate historic commercial and industrial uses at the Site, adjacent and surrounding properties. The historic uses at the Site and adjoining and surrounding properties likely involved the use and disposal of hazardous materials, including solvents and petroleum products. Based on the widespread and long-term uses of these materials, it is likely that a release has occurred and therefore, these uses are considered to be a REC.

7.0 CONCLUSIONS

Tenen has performed a *Phase I Environmental Site Assessment*, in conformance with the scope and limitations of ASTM Practice E 1527, for 1926 Longfellow Avenue and 1939 West Farms Road, in the Bronx, New York. Any exceptions to, or deletions or deviations from this practice are described in Section 1.4 of this report. This assessment has revealed *no evidence of recognized environmental conditions* in connection with the property, with the exception of the following:

- Historic commercial and industrial uses of the Site, adjacent and surrounding properties.

8.0 DECLARATION

I, Matthew Carroll, declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training and experience to assess a site of the nature, history and setting of the subject Site. I have developed and performed the All Appropriate Inquires in conformance with the standards and practice set forth in 40 CFR Part 312.

_____

Matthew Carroll
Environmental Professional

9.0 REFERENCES

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- The EDR-City Directory Report, Environmental Data Resources, April 2, 2013
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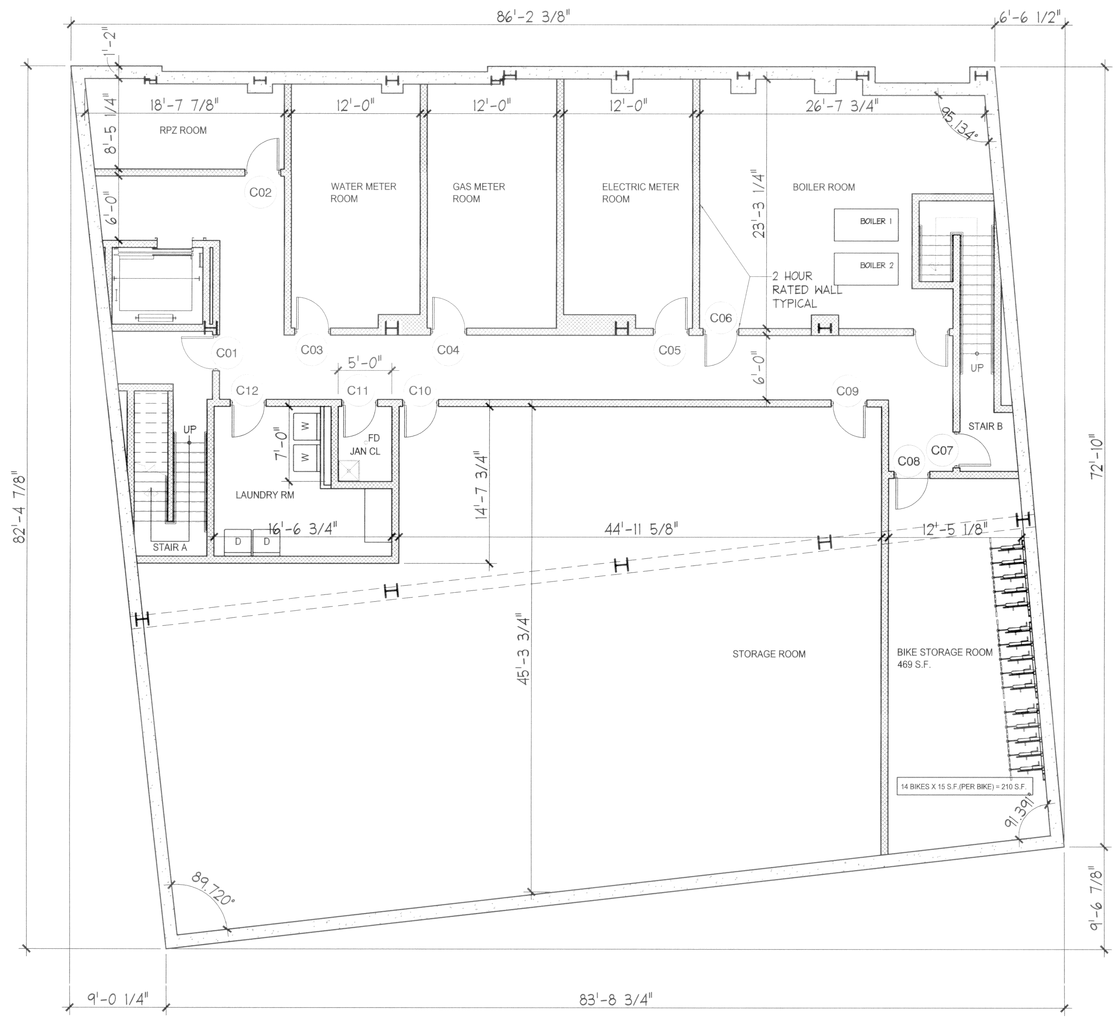
- United States Geologic Survey, Topographical Map (1979), https://gis.nyc.gov/moer/speed, accessed April 26, 2013.

APPENDIX B

Proposed Development Plans

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL (2 HOUR RATED)
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 / A-101 CELLAR FLOOR PLAN
Scale: 1/8" = 1'-0"

AMOUNT OF BIKES REQUIRED	AREA PER BIKE	MINIMUM REQUIRED AREA	AREA PROVIDED
14 BIKES	15 S.F.	210 S.F.	469 S.F.

LAUNDRY ROOM CALCULATIONS:

WASHING MACHINES: 1 WASHING MACHINE PER 20 DWELLING UNITS
28 DWELLING UNITS / 20 = 2 WASHING MACHINES

DRYERS: 1 DRYER PER 40 DWELLING UNITS
28 DWELLING UNITS / 40 = 1 DRYERS

REV.	DATE	DESCRIPTION
	08/02/13	REVISED PER DOB OBJECTIONS
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

NEWMAN DESIGN
ARCHITECTURE • URBAN PLANNING
NDG ARCHITECT, P.C.
210 West Rogues Path • Cold Spring Hills, NY 11743
TEL: 212.673.3110 • TEL: 631.673.3111 • FAX: 631.673.2031
www.ndarchitects.com

PROJECT:

LONGFELLOW AVE./ BOSTON ROAD
BRONX, NEW YORK

TITLE:

BUILDING 2
CELLAR FLOOR PLAN

STAMP:

DATE: 09/24/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

DRAWING NO:
A-101.00

FILE No. :

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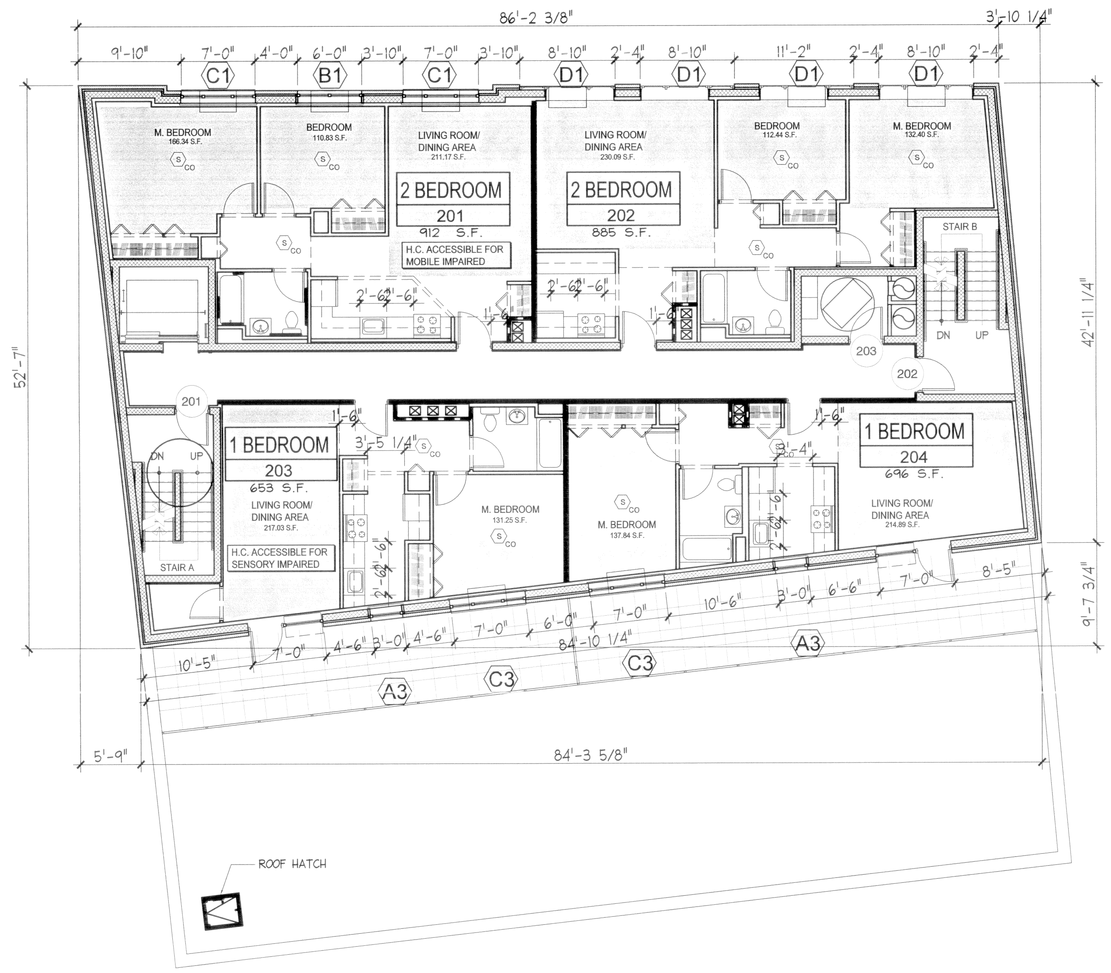
2 OF 23



1 A-103 2ND FLOOR
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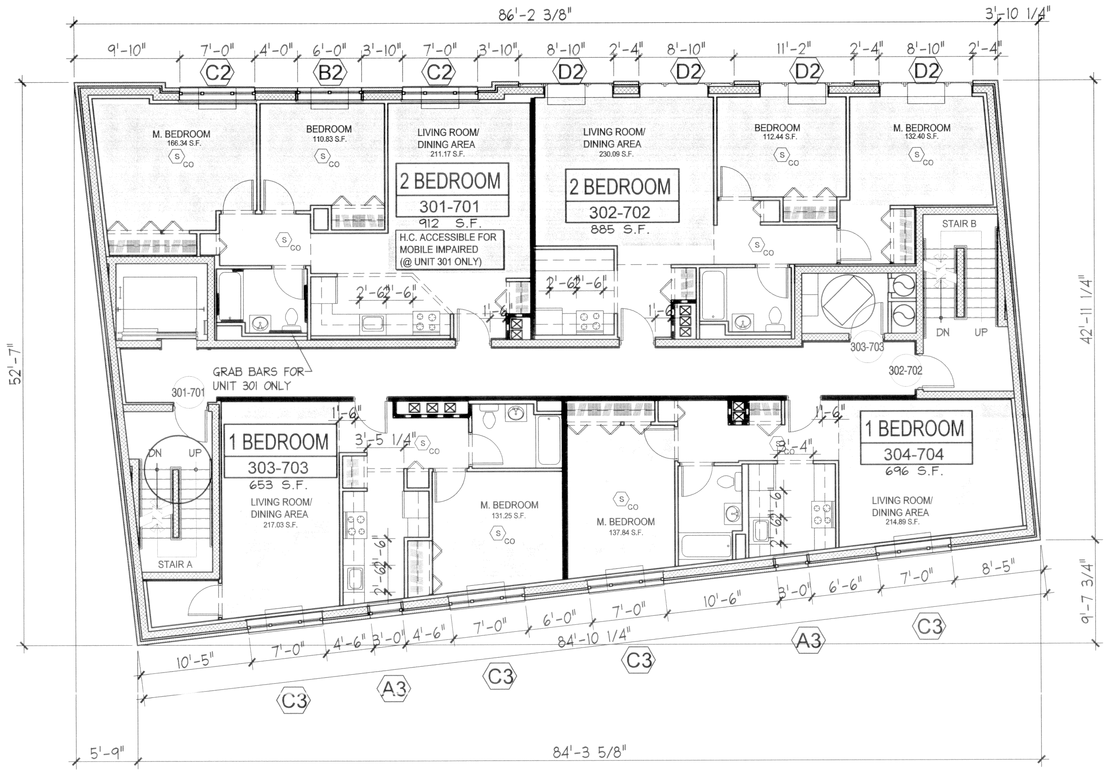

2 A-103 FLOORS 3 THRU 7
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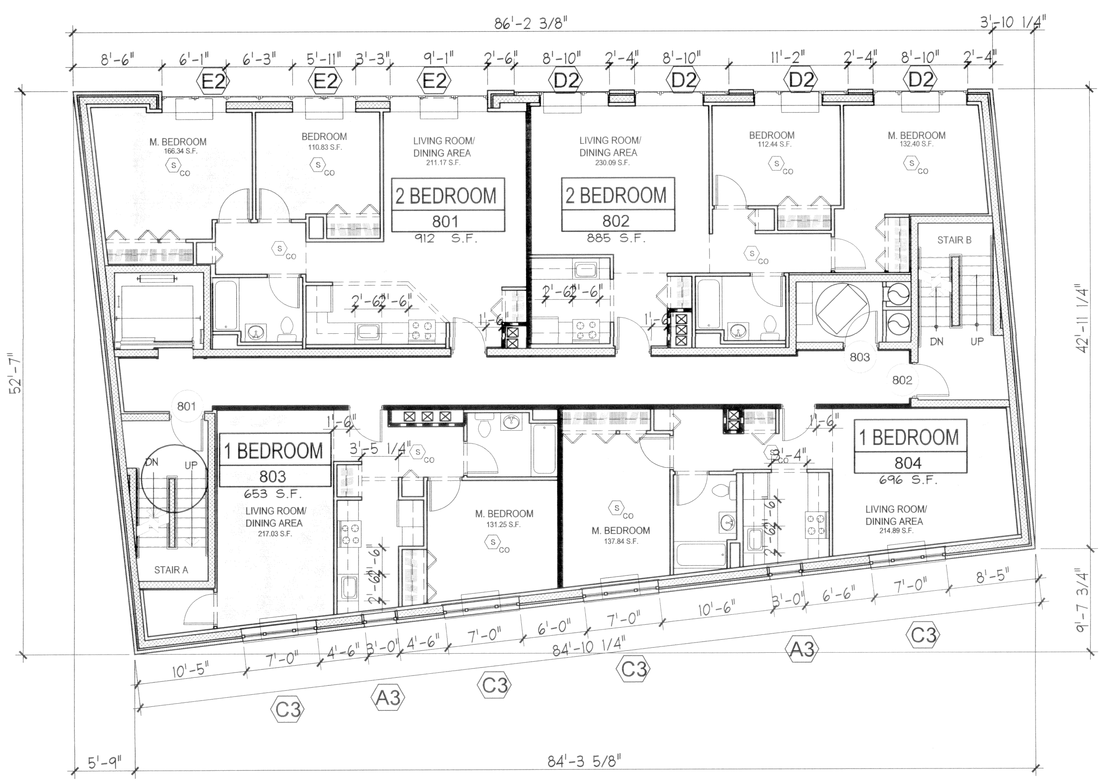

3 A-103 FLOOR 8
Scale: 1/8" = 1'-0"

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL (2 HOUR RATED)
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
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- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG

LIGHT AND VENTILATION REQUIREMENTS

APARTMENT	ROOM	AREA	VENTILATION REQUIRED	VENTILATION PROVIDED	NATURAL LIGHT REQUIRED	NATURAL LIGHT PROVIDED
201-801	LIVING RM	211 S.F.	10.55 S.F.	25.00 S.F.	21.10 S.F.	25.00 S.F.
	M. BEDRM	166 S.F.	8.30 S.F.	25.00 S.F.	16.60 S.F.	25.00 S.F.
	BEDRM	111 S.F.	5.55 S.F.	17.00 S.F.	11.10 S.F.	17.00 S.F.

THE FOLLOWING HAVE BEEN EXCLUDED FROM CALCULATION PER BC 1202.1
1. KITCHEN SPACE NOT INCLUDED -LESS THAN 80 S.F.

APARTMENT	ROOM	AREA	VENTILATION REQUIRED	VENTILATION PROVIDED	NATURAL LIGHT REQUIRED	NATURAL LIGHT PROVIDED
202-802	LIVING RM	230 S.F.	11.50 S.F.	46.00 S.F.	23.00 S.F.	58.00 S.F.
	M. BEDRM	132 S.F.	6.60 S.F.	46.00 S.F.	13.20 S.F.	37.00 S.F.
	BEDRM	112 S.F.	5.60 S.F.	8.00 S.F.	11.20 S.F.	29.00 S.F.

THE FOLLOWING HAVE BEEN EXCLUDED FROM CALCULATION PER BC 1202.1
1. KITCHEN SPACE NOT INCLUDED -LESS THAN 80 S.F.

APARTMENT	ROOM	AREA	VENTILATION REQUIRED	VENTILATION PROVIDED	NATURAL LIGHT REQUIRED	NATURAL LIGHT PROVIDED
203-803	LIVING RM	217 S.F.	10.85 S.F.	46.00 S.F.	21.70 S.F.	25.00 S.F.
	M. BEDRM	131 S.F.	6.55 S.F.	46.00 S.F.	13.10 S.F.	25.00 S.F.

THE FOLLOWING HAVE BEEN EXCLUDED FROM CALCULATION PER BC 1202.1
1. KITCHEN SPACE NOT INCLUDED -LESS THAN 80 S.F.

APARTMENT	ROOM	AREA	VENTILATION REQUIRED	VENTILATION PROVIDED	NATURAL LIGHT REQUIRED	NATURAL LIGHT PROVIDED
204-804	LIVING RM	215 S.F.	10.75 S.F.	46.00 S.F.	21.50 S.F.	25.00 S.F.
	M. BEDRM	138 S.F.	6.90 S.F.	46.00 S.F.	13.80 S.F.	25.00 S.F.

THE FOLLOWING HAVE BEEN EXCLUDED FROM CALCULATION PER BC 1202.1
1. KITCHEN SPACE NOT INCLUDED -LESS THAN 80 S.F.

REV.	DATE	DESCRIPTION
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	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:
LONGFELLOW AVE./ BOSTON ROAD
BRONX, NEW YORK

TITLE:
BUILDING 2
FLOORS 2 thru 8

STAMP: REGISTERED ARCHITECT MITCHELL D. NEWMAN 015078 STATE OF NEW YORK

DATE: 09/24/12
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A-103.00

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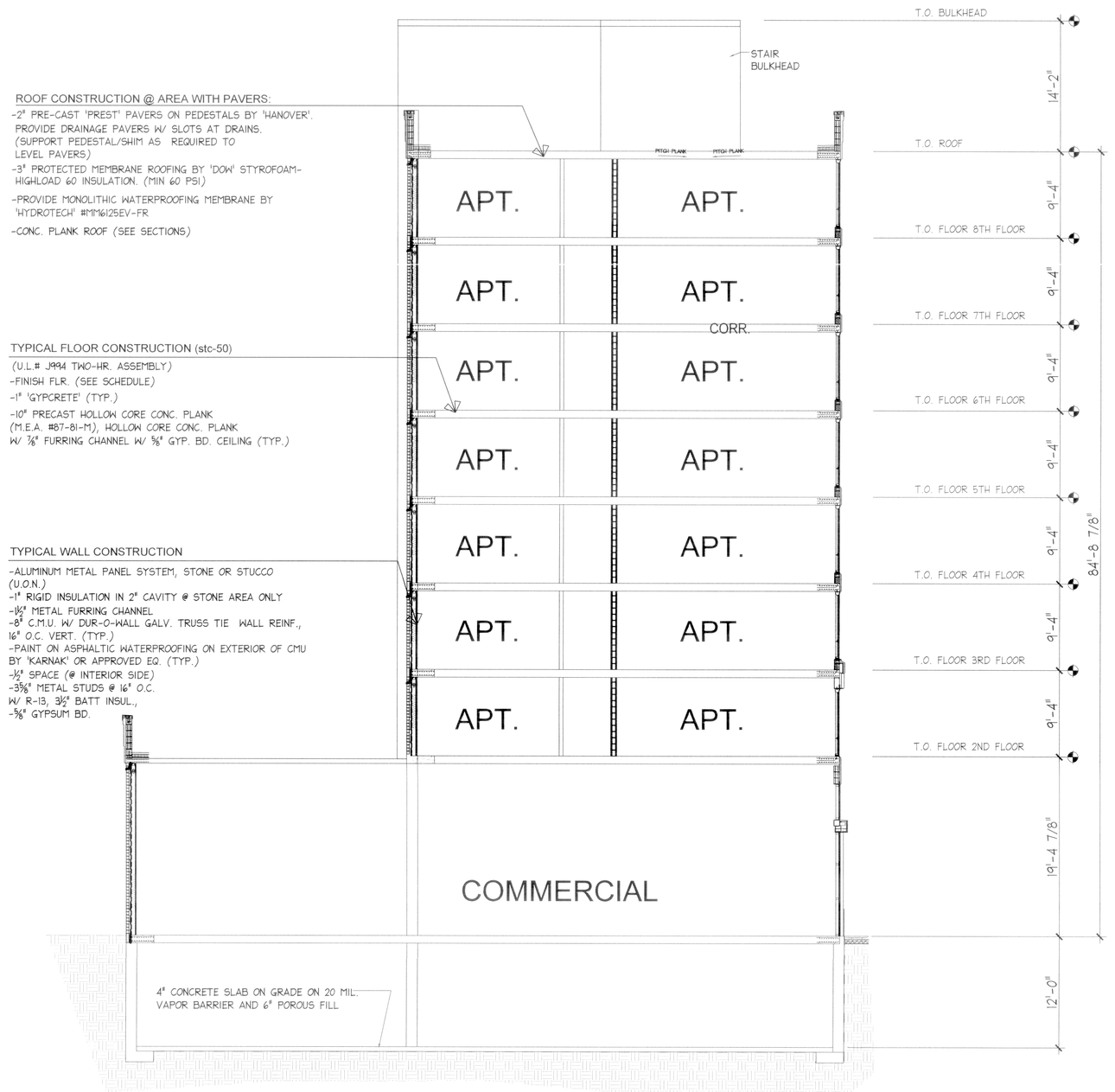

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	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:
LONGFELLOW AVE./ BOSTON ROAD
BRONX, NEW YORK

TITLE:
TYP. CROSS SECTION

STAMP:

DATE:	09/24/12
JOB #:	09-51
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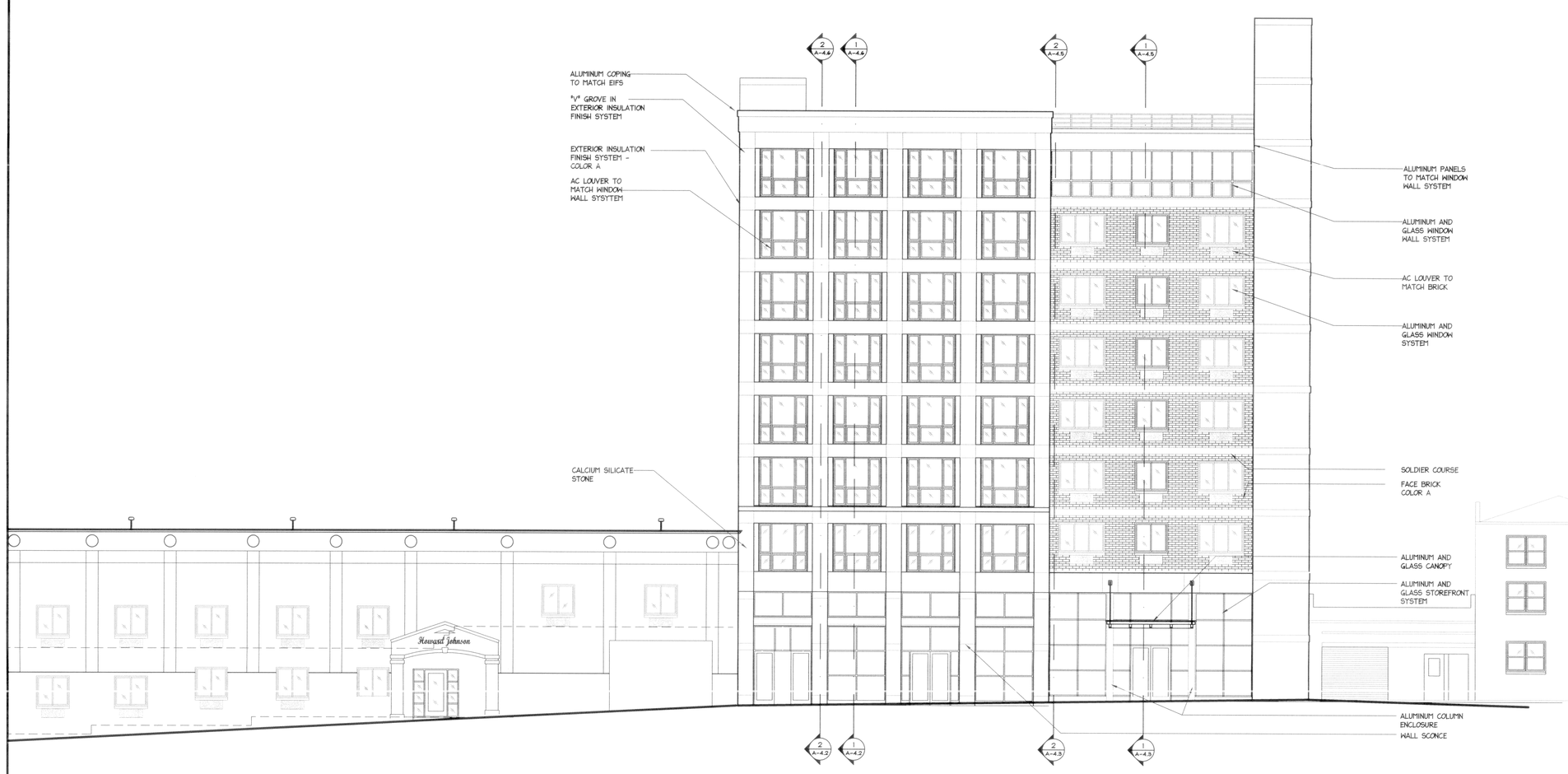

1 A-201 ELEVATION-LONGFELLOW AVE.
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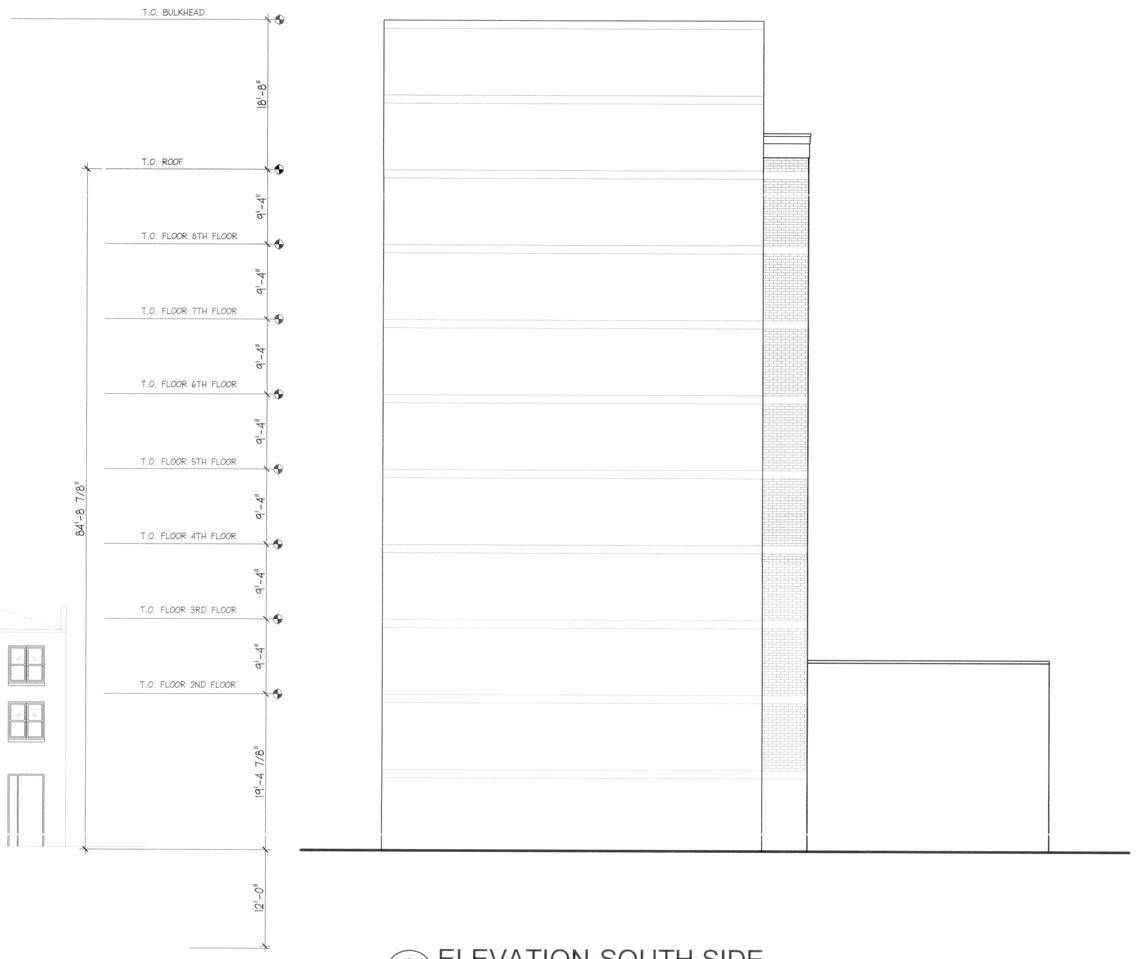

2 A-201 ELEVATION-SOUTH SIDE
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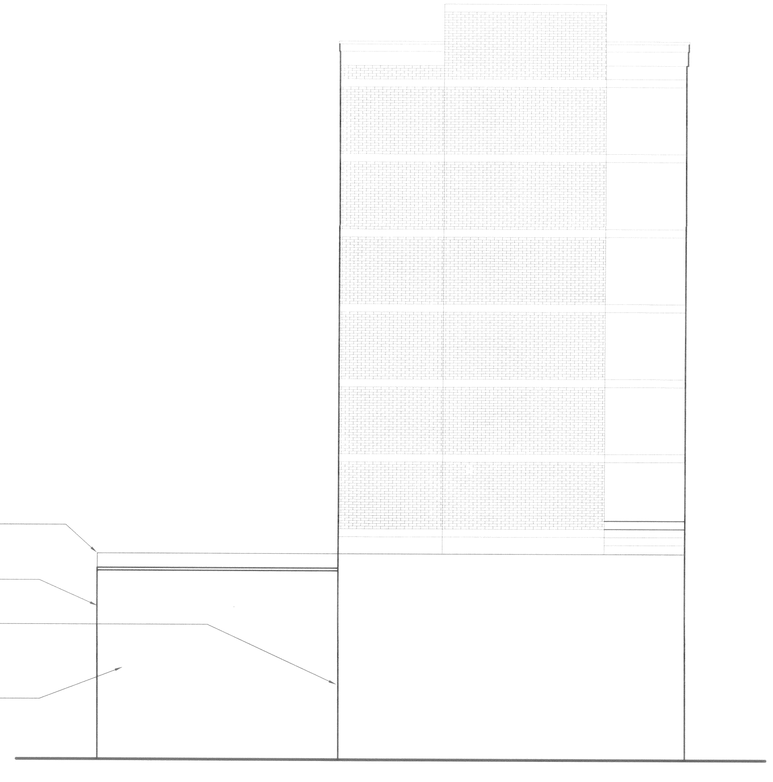
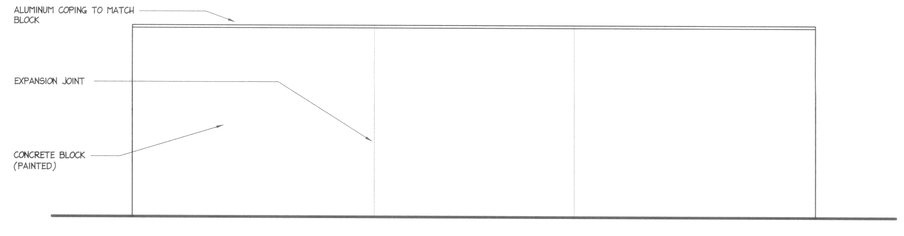
3 A-201 ELEVATION-EAST SIDE
Scale: 3/32" = 1'-0"



4 A-201 ELEVATION-NORTH SIDE
Scale: 3/32" = 1'-0"



5 A-201 ELEVATION-EAST SIDE
Scale: 3/32" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:
LONGFELLOW AVE./ BOSTON ROAD
BRONX, NEW YORK

TITLE:
BUILDING 2 ELEVATIONS

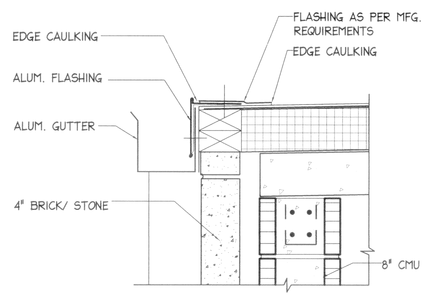
STAMP: REGISTERED ARCHITECT MITCHELL D. NEWMAN STATE OF NEW YORK

DATE: 09/24/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

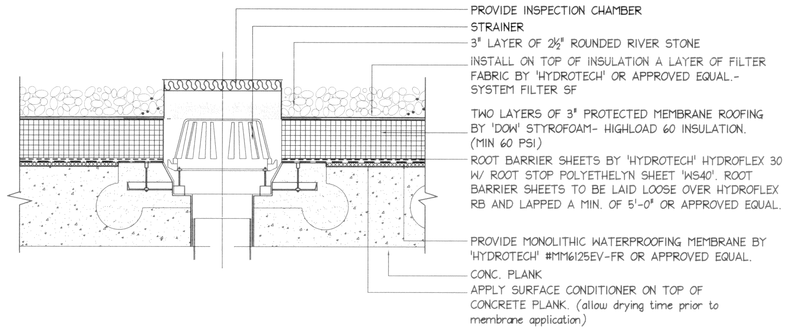
DRAWING NO: **A-201.00**

FILE No.:

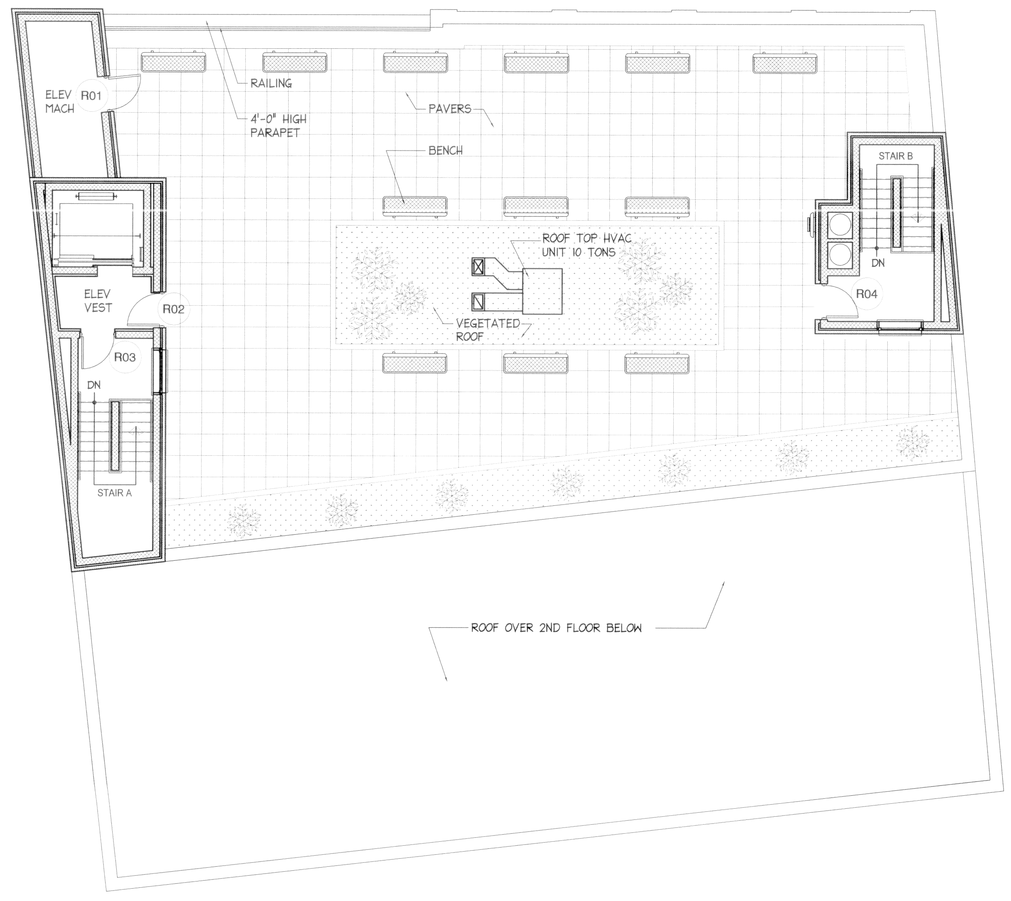
SHEET: 10 OF 23



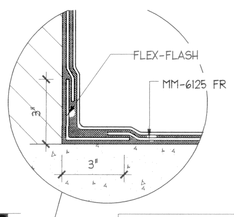
6 A-104 DETAIL
Scale: 1 1/2" = 1'-0" AT GUTTER

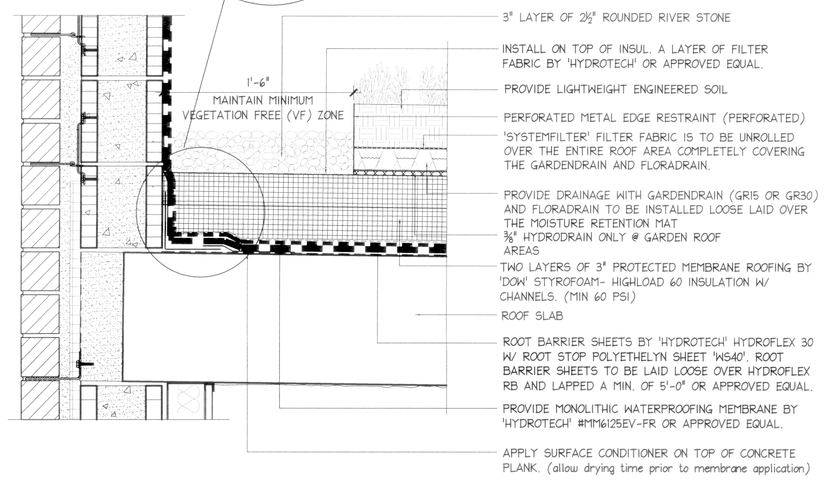


7 A-104 ROOF DRAIN
N.T.S.

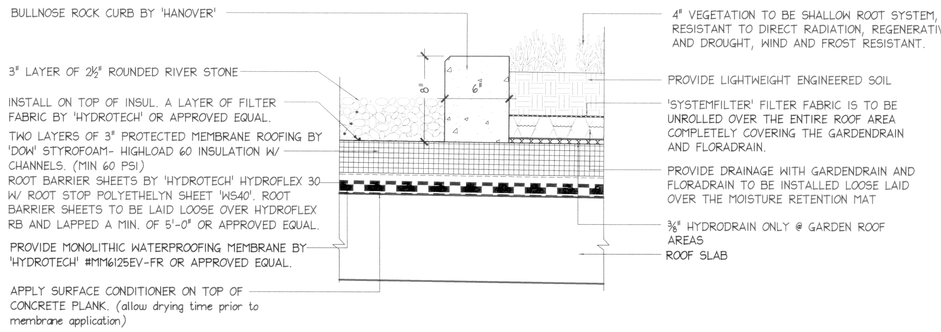


1 A-104 ROOF PLAN
Scale: 1/8" = 1'-0"

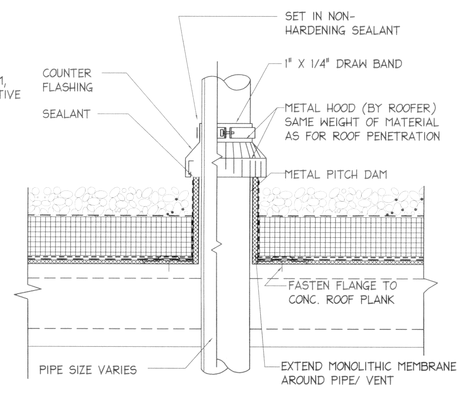




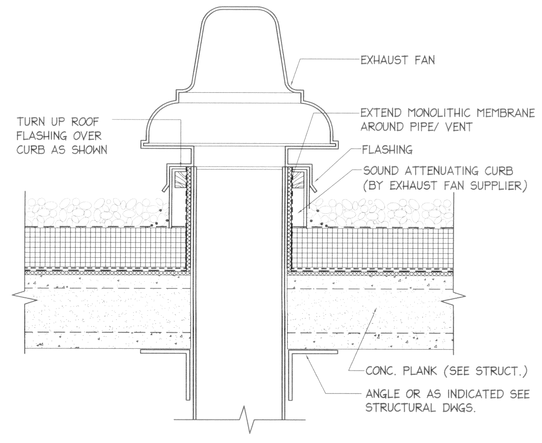
2 A-104 TYP. EDGE DETAIL
Scale: 1 1/2" = 1'-0" OF PARAPET & ROOF GARDEN



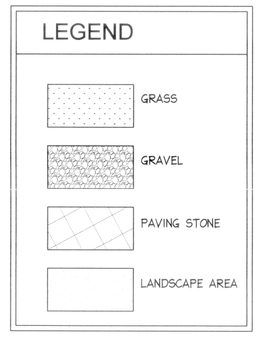
3 A-104 TYP. TRANSITION
Scale: 1 1/2" = 1'-0" OF ROOF PAVERS & ROOF GARDEN



4 A-104 PIPE FLASHING
N.T.S. AT ROOF



5 A-104 DETAIL
Scale: 1 1/2" = 1'-0" TYPICAL EXHAUST FAN



REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

NEWMAN DESIGN
ARCHITECTURE • URBAN PLANNING
NDG ARCHITECT, P.C.
210 West Rogues Path • Cold Spring Hills, NY 11743
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www.ndarchitects.com

PROJECT:
LONGFELLOW AVE./ BOSTON ROAD
BRONX, NEW YORK

TITLE:
BUILDING 2 ROOF PLAN

STAMP: REGISTERED ARCHITECT MICHAEL D. NEWMAN STATE OF NEW YORK

DATE: 09/24/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

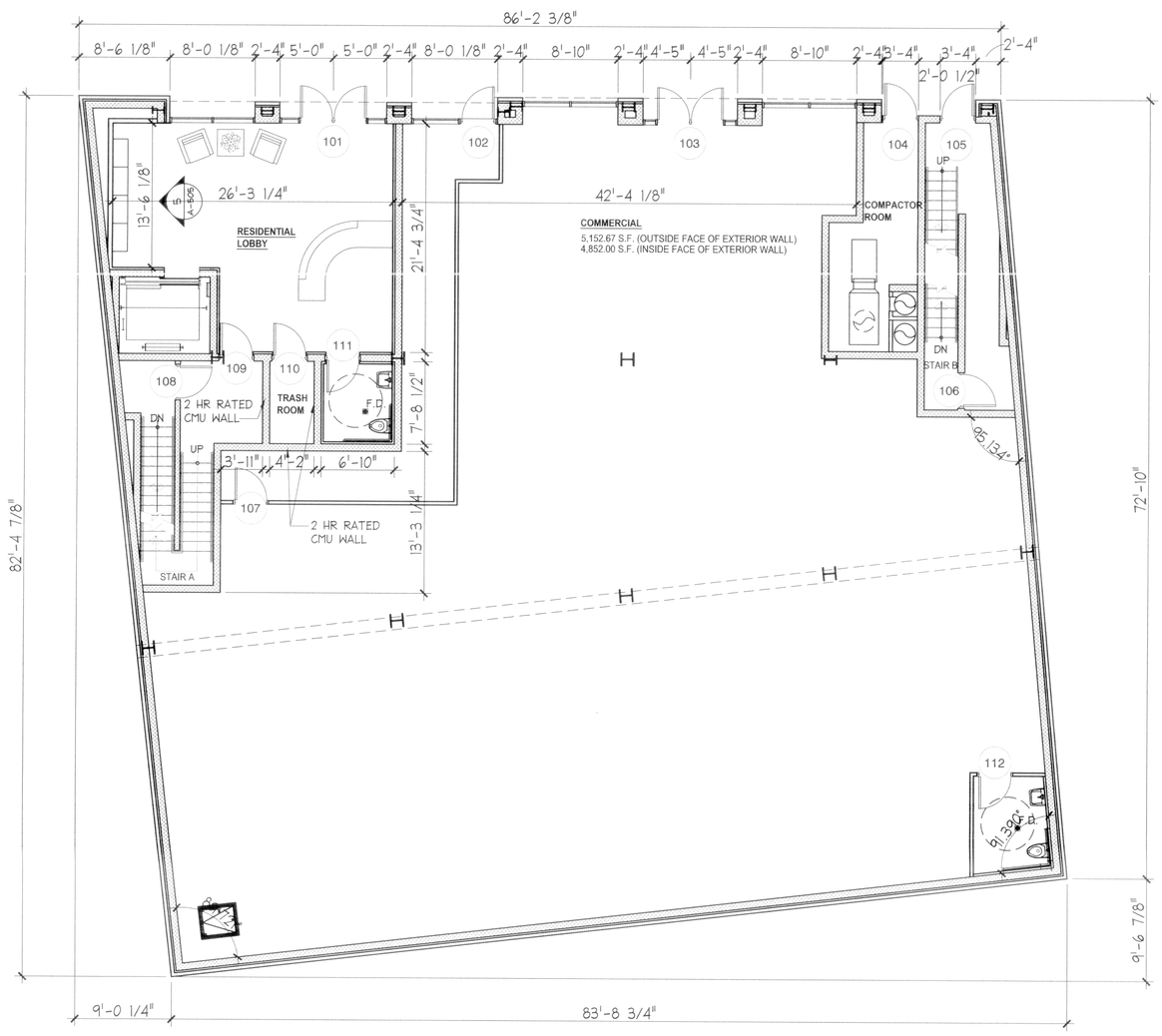
DRAWING NO: **A-104.00**

FILE No.:

SHEET: 5 OF 23

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL (2 HOUR RATED)
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 / A-102 1ST FLOOR PLAN

Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	08/02/13	REVISED PER DOB OBJECTIONS
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:

LONGFELLOW AVE./ BOSTON ROAD
BRONX, NEW YORK

TITLE:

BUILDING 2
1ST FLOOR PLAN

STAMP:

DATE: 09/24/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

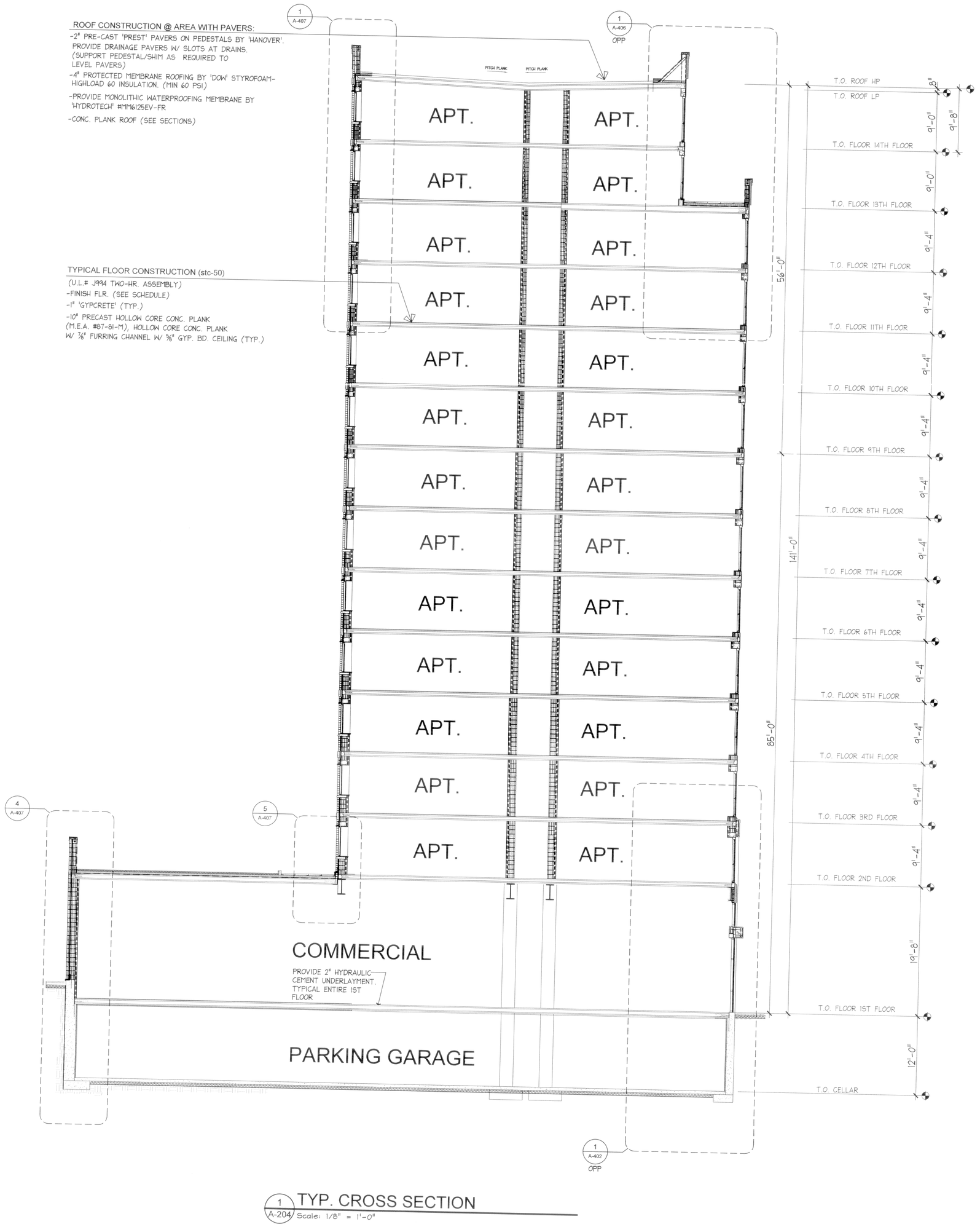
DRAWING NO:

A-102.00

FILE No. :

SHEET:

3 OF 23



ROOF CONSTRUCTION @ AREA WITH PAVERS:
-2" PRE-CAST 'PREST' PAVERS ON PEDESTALS BY 'HANOVER'. PROVIDE DRAINAGE PAVERS W/ SLOTS AT DRAINS. (SUPPORT PEDESTAL/SHIM AS REQUIRED TO LEVEL PAVERS)
-4" PROTECTED MEMBRANE ROOFING BY 'DOW' STYROFOAM-HIGHLOAD 60 INSULATION. (MIN 60 PSI)
-PROVIDE MONOLITHIC WATERPROOFING MEMBRANE BY 'HYDROTECH' #MM6125EV-FR
-CONC. PLANK ROOF (SEE SECTIONS)

TYPICAL FLOOR CONSTRUCTION (stc-50)
(U.L.# J994 TWO-HR. ASSEMBLY)
-FINISH FLR. (SEE SCHEDULE)
-1" 'GYPCRETE' (TYP.)
-10" PRECAST HOLLOW CORE CONC. PLANK (M.E.A. #87-81-M), HOLLOW CORE CONC. PLANK W/ 7/8" FURRING CHANNEL W/ 5/8" GYP. BD. CEILING (TYP.)

PROVIDE 2" HYDRAULIC CEMENT UNDERLAYMENT. TYPICAL ENTIRE 1ST FLOOR

1 TYP. CROSS SECTION
A-204 Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

NEWMAN
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PROJECT:

**WEST FARMS ROAD/
BOSTON ROAD
BRONX, NEW YORK**

TITLE:

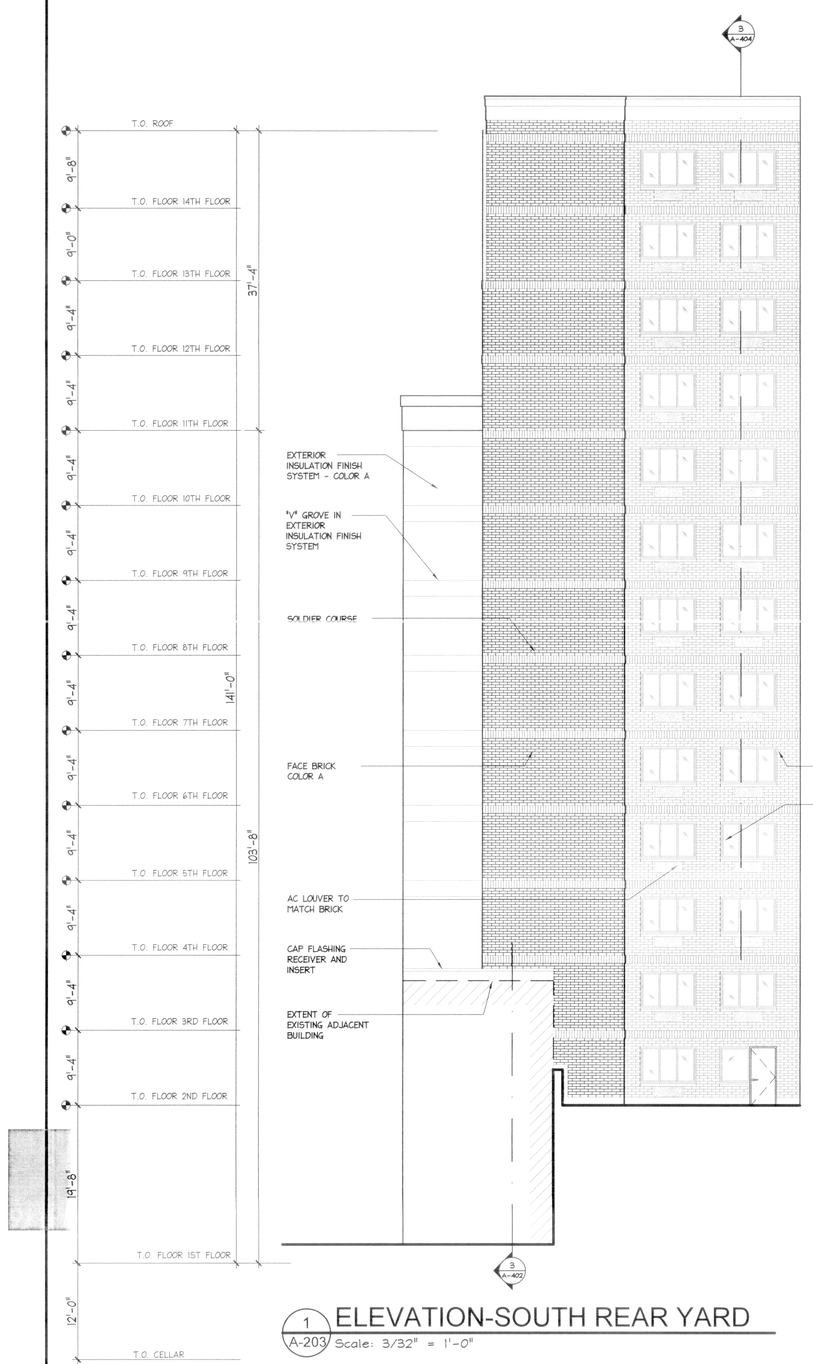
TYP. CROSS SECTION

STAMP:
MITCHELL D. NEWMAN
15609

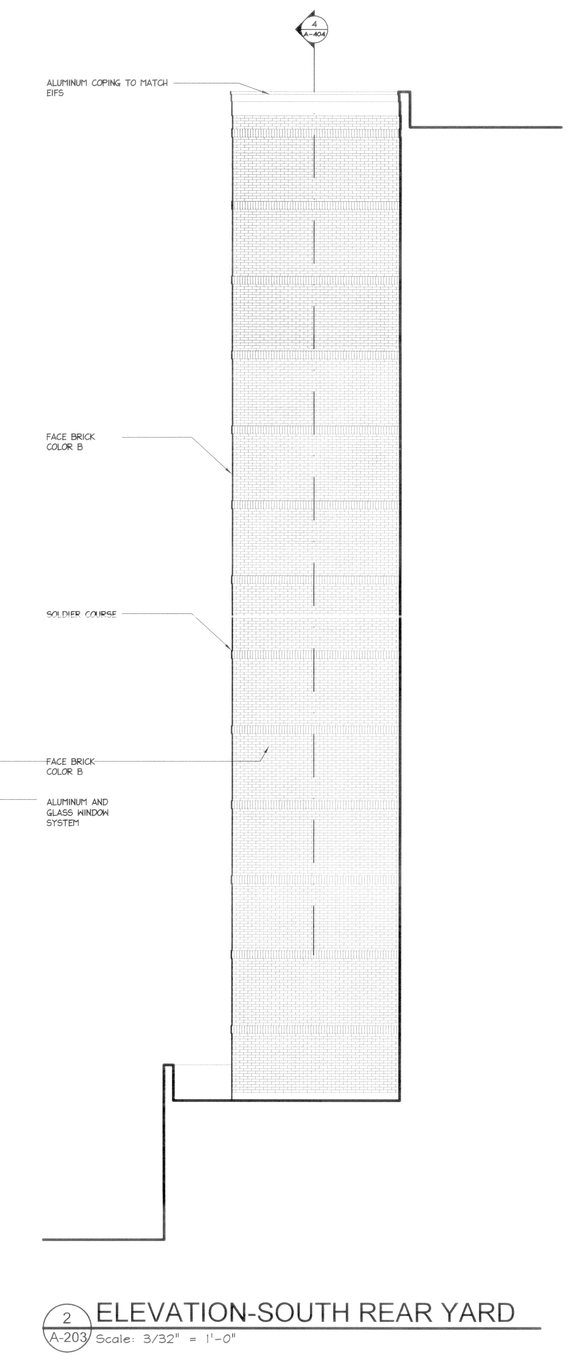
DATE: 11/1/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED
DRAWING NO:
A-204.00

FILE No. :

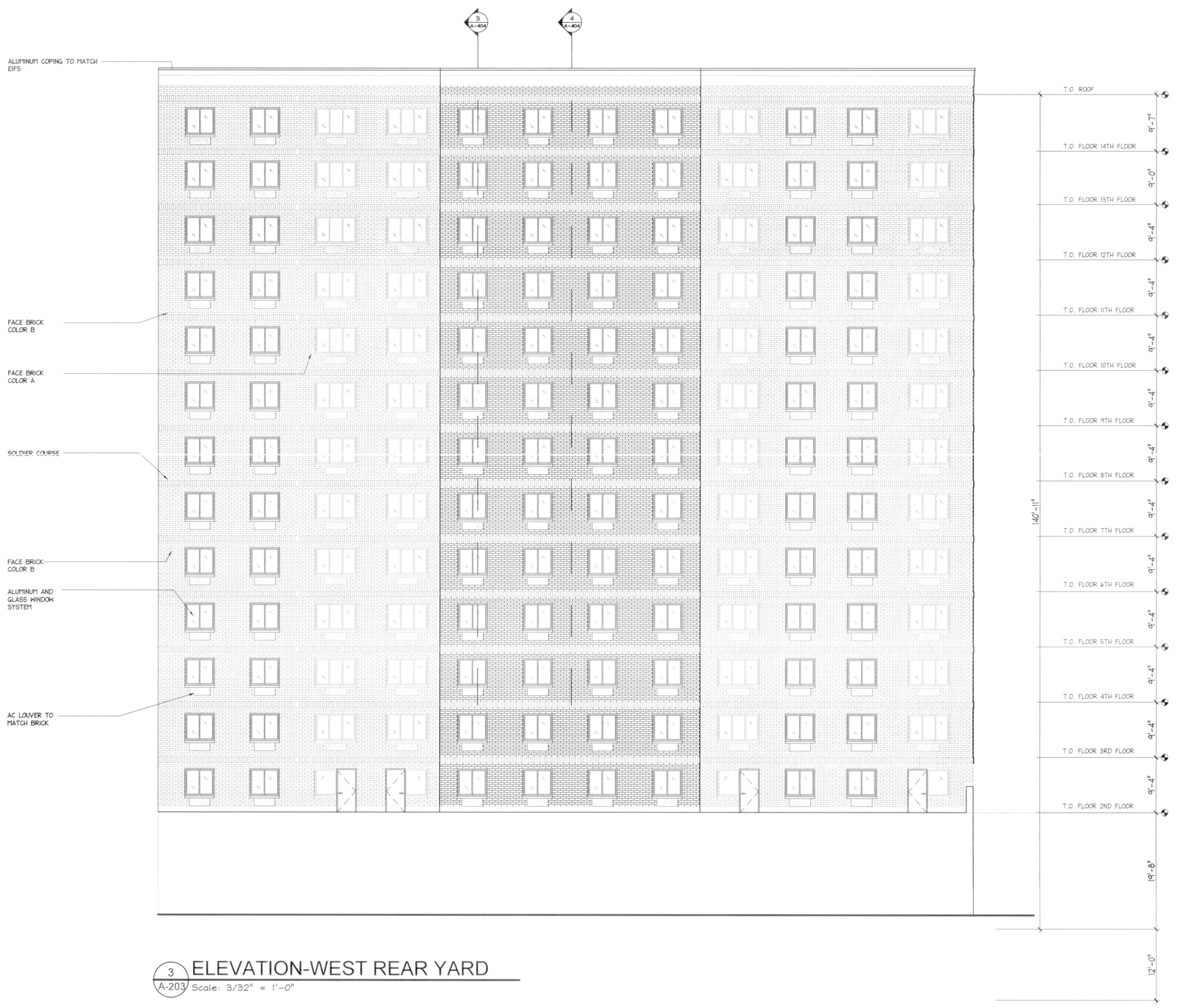
SHEET:
24 OF 46



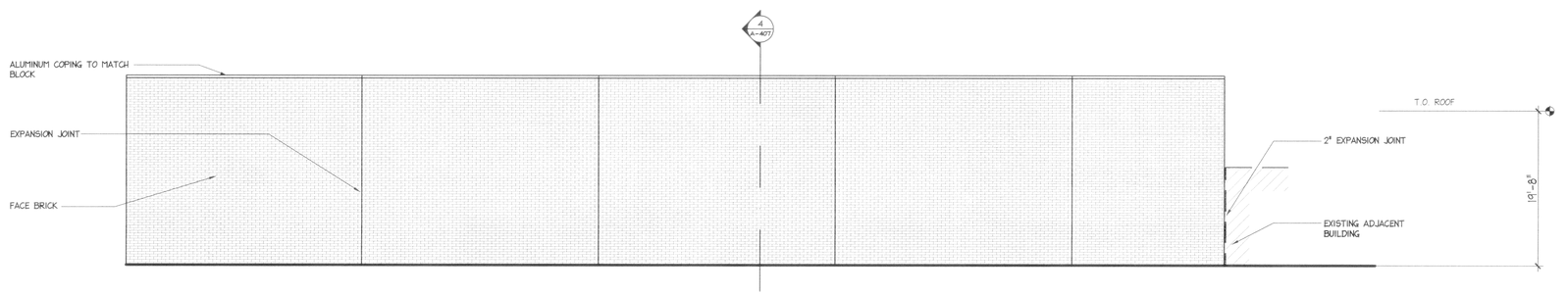
1 ELEVATION-SOUTH REAR YARD
A-203 Scale: 3/32" = 1'-0"



2 ELEVATION-SOUTH REAR YARD
A-203 Scale: 3/32" = 1'-0"



3 ELEVATION-WEST REAR YARD
A-203 Scale: 3/32" = 1'-0"



4 ELEVATION-WEST REAR YARD
A-203 Scale: 3/32" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

PROPOSED ELEVATIONS

STAMP:

REGISTERED ARCHITECT NICHOLAS D. NEWMAN 016009 STATE OF NEW YORK

DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED

DRAWING NO:

A-203.00

FILE No. :

SHEET:

23 OF 46

1 A-202 ELEVATION-BOSTON ROAD
Scale: 3/32" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

PROPOSED ELEVATIONS

STAMP:

REGISTERED ARCHITECT NEWFIELD D. NEWMAN STATE OF NEW YORK

DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED

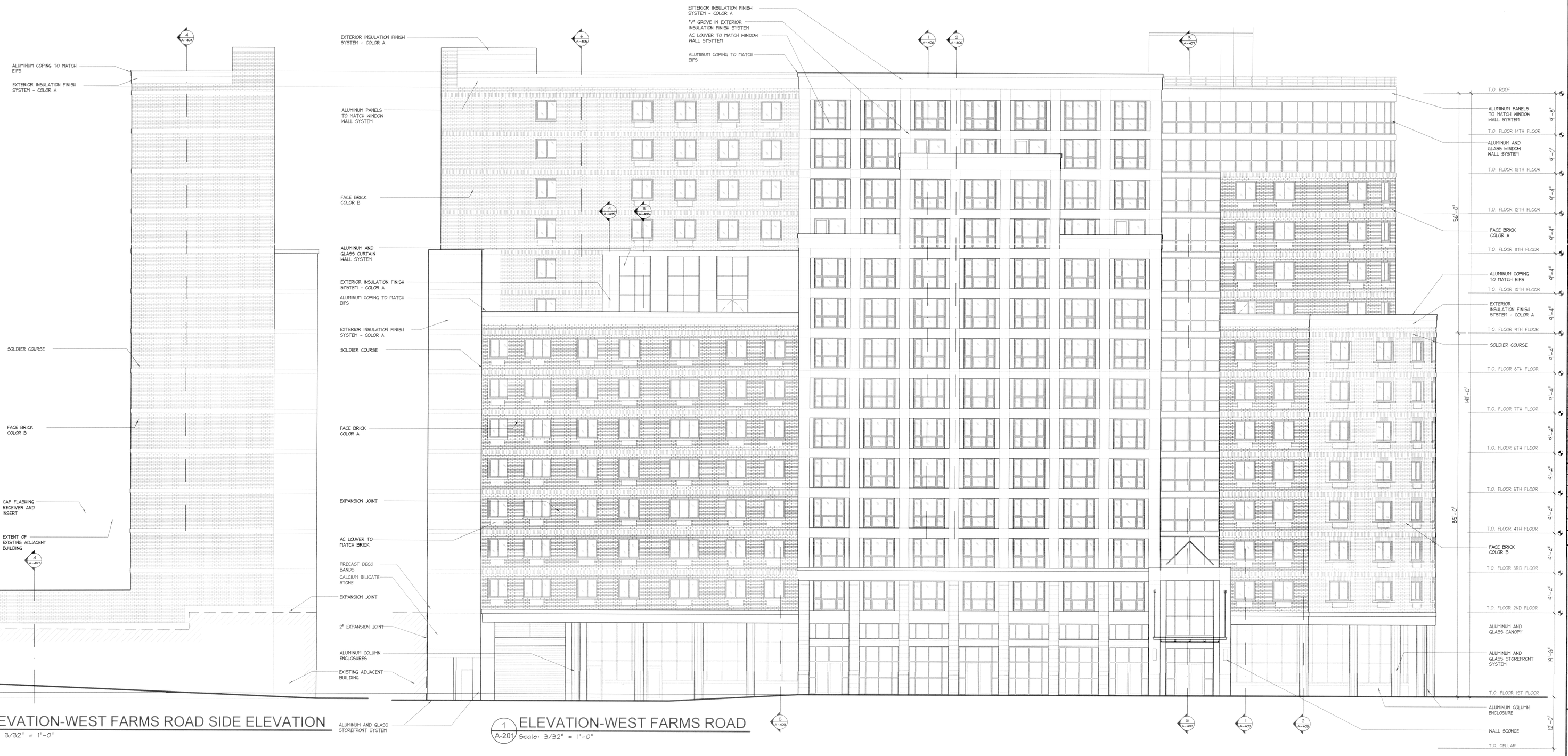
DRAWING NO:

A-202.00

FILE No. :

SHEET:

22 OF 46



2 A-201 ELEVATION-WEST FARMS ROAD SIDE ELEVATION
Scale: 3/32" = 1'-0"

1 A-201 ELEVATION-WEST FARMS ROAD
Scale: 3/32" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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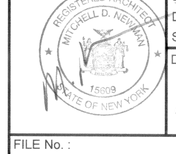
PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

PROPOSED ELEVATIONS

STAMP:



DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED

DRAWING NO:

A-201.00

FILE No. :

SHEET:

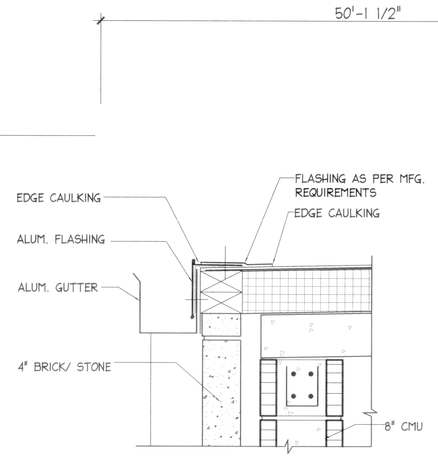
21 OF 46

PLAYGROUND EQUIPMENT / SITE AREA AMENITIES:

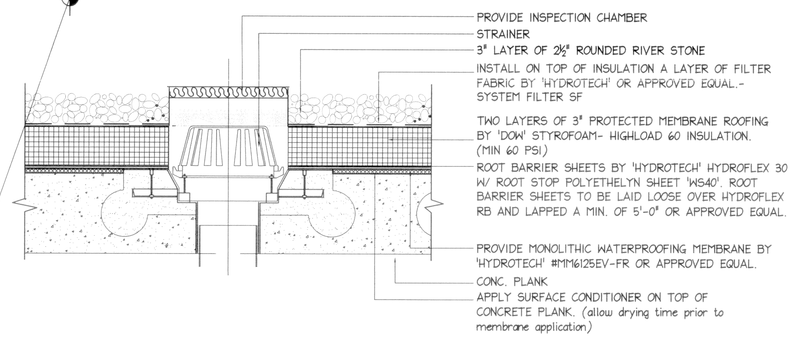
- PLAYGROUND EQUIPMENT TO BE 'SUN VISTA' MODEL #11779 AS MANUFACTURED BY 'GAMETIME' TO BE ADA COMPLIANT. PROVIDE SAFETY SIGNAGE.
- 6' BENCHES MODEL # 1266-1 AS MANUFACTURED BY 'MIRACLE RECREATION EQUIPMENT CO.'

LEGEND

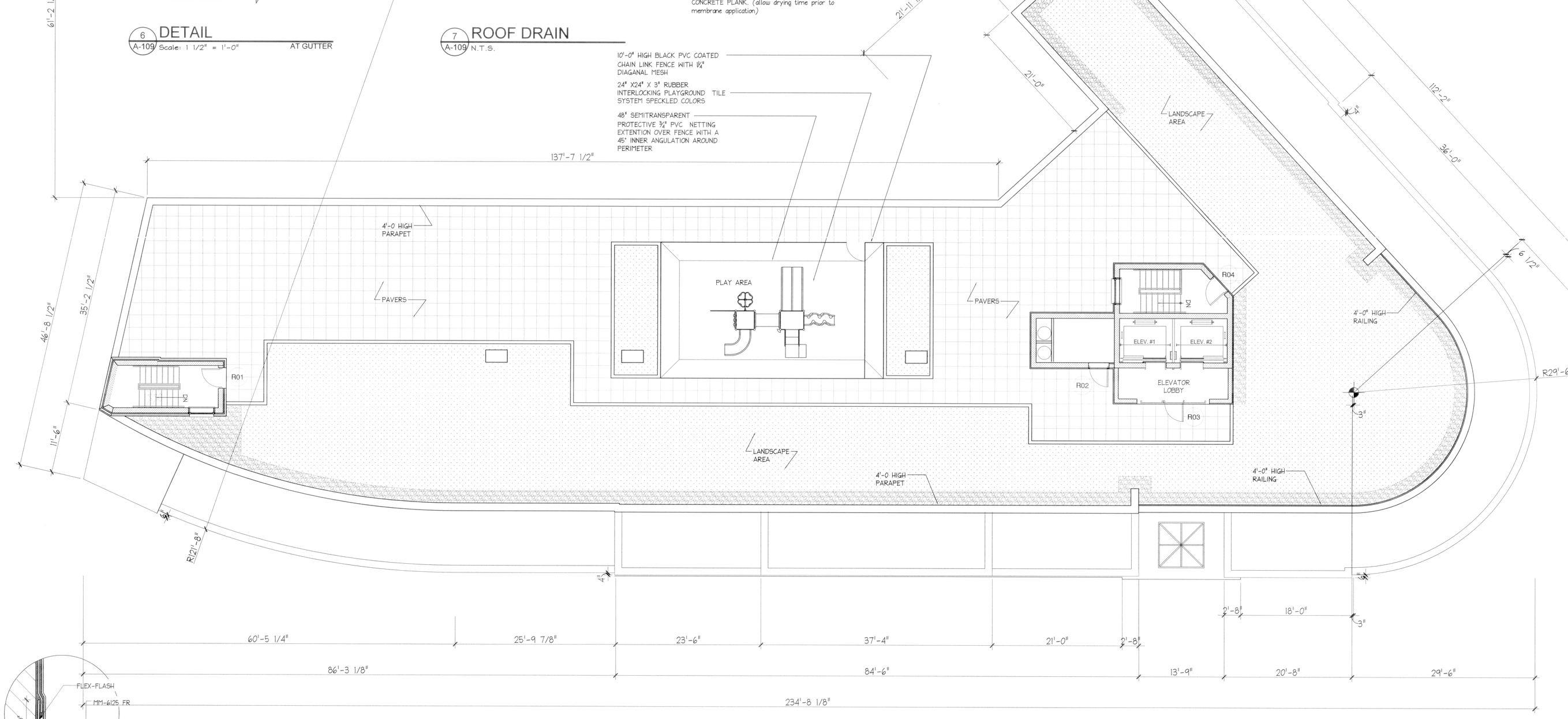
- GRASS
- GRAVEL
- PAVING STONE
- LANDSCAPE AREA



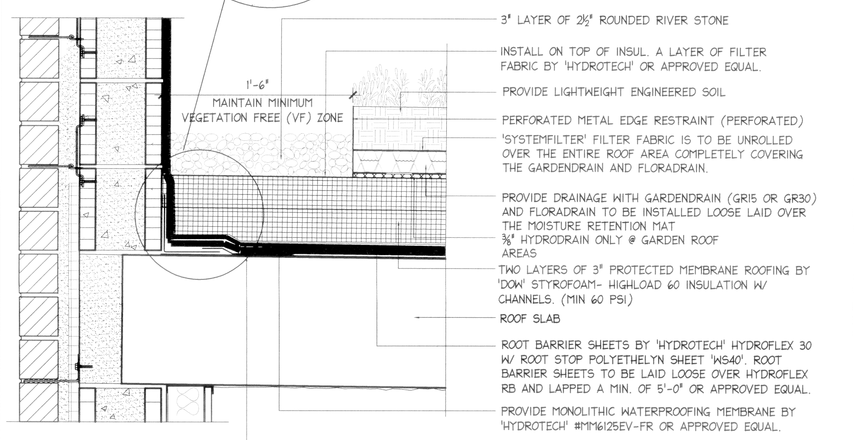
6 A-109 DETAIL
Scale: 1 1/2" = 1'-0" AT GUTTER



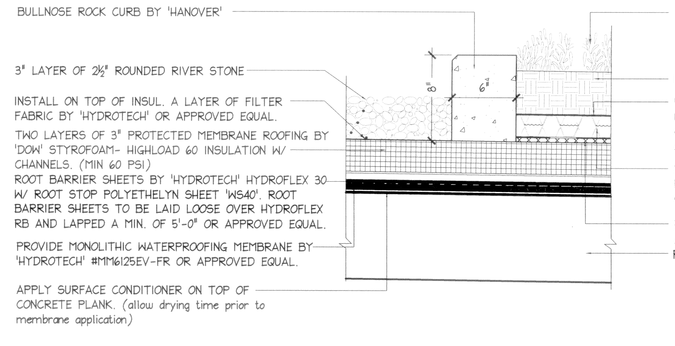
7 A-109 ROOF DRAIN
N.T.S.



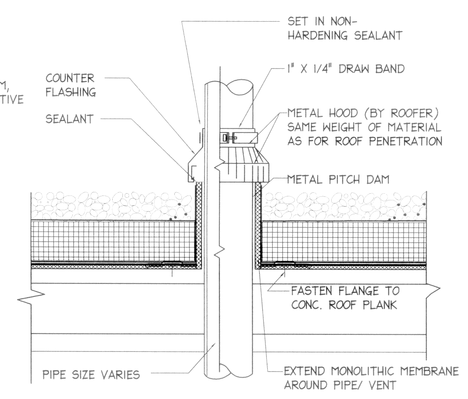
1 A-109 ROOF PLAN
Scale: 1/8" = 1'-0"



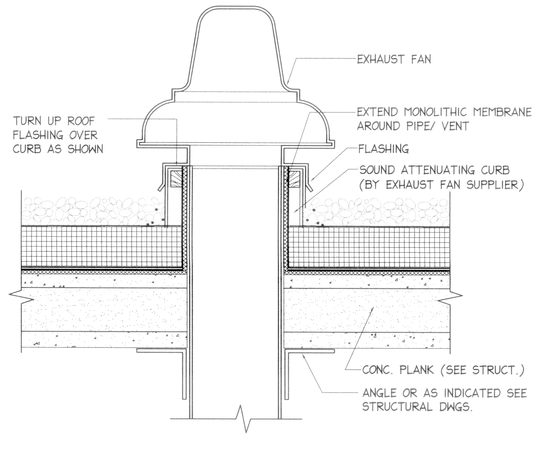
2 A-109 TYP. EDGE DETAIL
Scale: 1 1/2" = 1'-0" OF PARAPET & ROOF GARDEN



3 A-109 TYP. TRANSITION
Scale: 1 1/2" = 1'-0" OF ROOF PAVERS & ROOF GARDEN



4 A-109 PIPE FLASHING
N.T.S. AT ROOF



5 A-109 DETAIL
Scale: 1 1/2" = 1'-0" TYPICAL EXHAUST FAN

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

NEWMAN DESIGN
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NDG ARCHITECT, P.C.
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TEL: 212.673.3110 • TEL: 631.673.3111 • FAX: 631.673.2031
www.ndarchitects.com

PROJECT:
WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:
BUILDING 1
ROOF PLAN

STAMP: REGISTERED ARCHITECT MITCHELL D. NEWMAN 018778 STATE OF NEW YORK

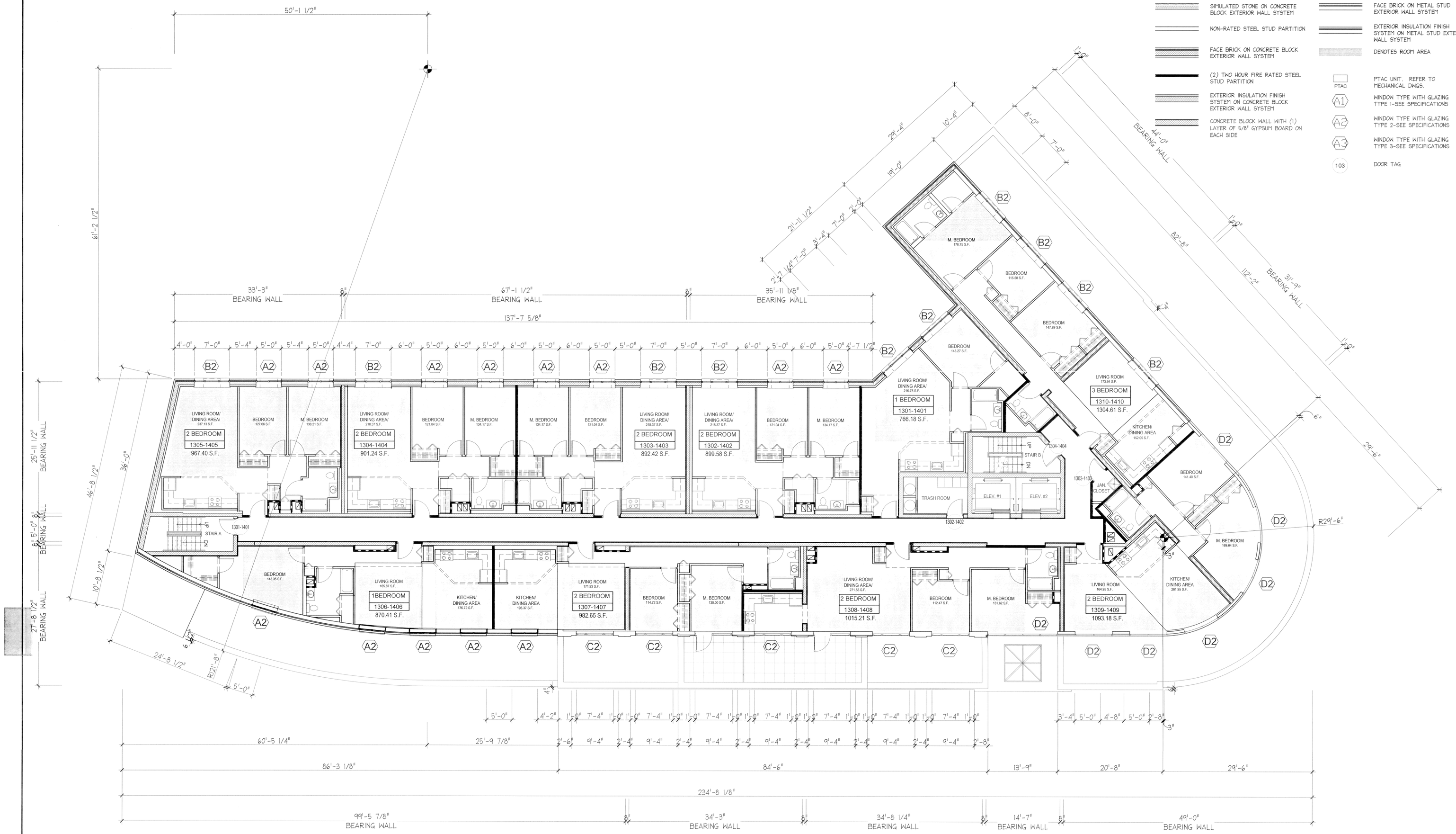
DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED

DRAWING NO:
A-109.00

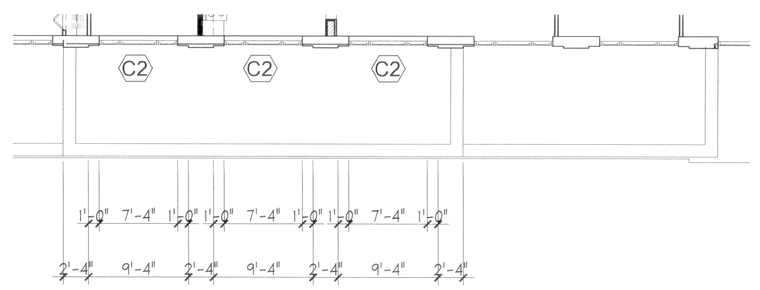
FILE No. : SHEET:
14 OF 46

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- EXTERIOR INSULATION FINISH SYSTEM ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- FACE BRICK ON METAL STUD EXTERIOR WALL SYSTEM
- EXTERIOR INSULATION FINISH SYSTEM ON METAL STUD EXTERIOR WALL SYSTEM
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 A-108 — 13TH AND 14TH FLOOR PLAN
Scale: 1/8" = 1'-0"



2 A-108 — PART FLOOR PLAN @ 14TH FLOOR
Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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210 West Rogues Path • Cold Spring Hills, NY 11743
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www.ndarchitects.com

PROJECT:
WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:
BUILDING 1
13TH AND 14TH FLOOR

STAMP: REGISTERED ARCHITECT MITCHELL D. NEWMAN 13009 STATE OF NEW YORK

DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED

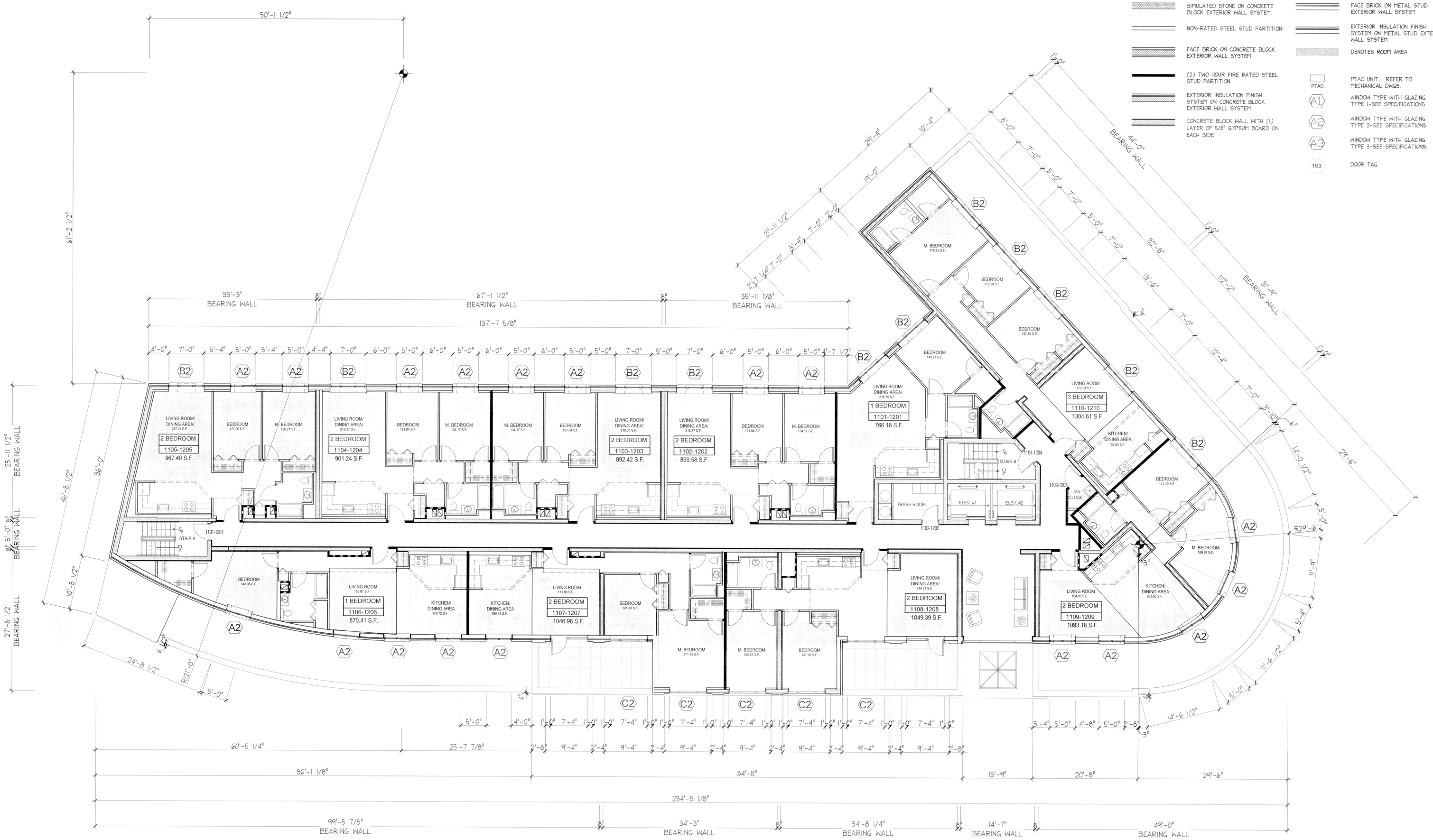
DRAWING NO: **A-108.00**

FILE No. :

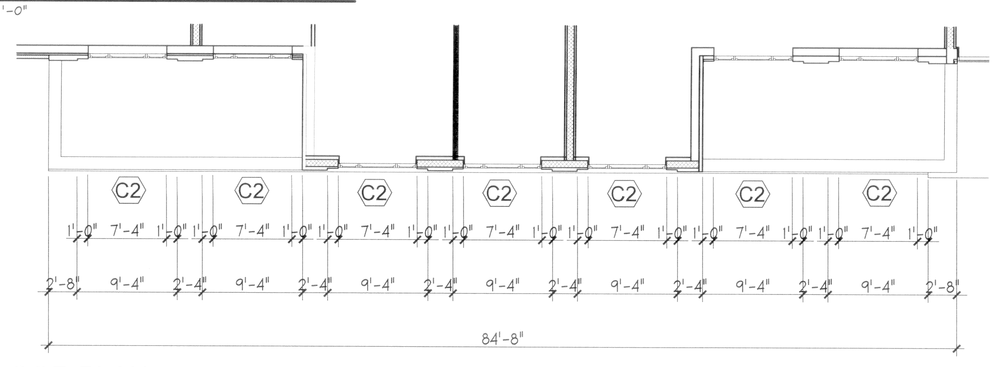
SHEET: 13 OF 46

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- EXTERIOR INSULATION FINISH SYSTEM ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- FACE BRICK ON METAL STUD EXTERIOR WALL SYSTEM
- EXTERIOR INSULATION FINISH SYSTEM ON METAL STUD EXTERIOR WALL SYSTEM
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 A-107 — 11TH AND 12TH FLOOR PLAN
Scale: 1/8" = 1'-0"



2 A-107 — PART FLOOR PLAN @ 12TH FLOOR
Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

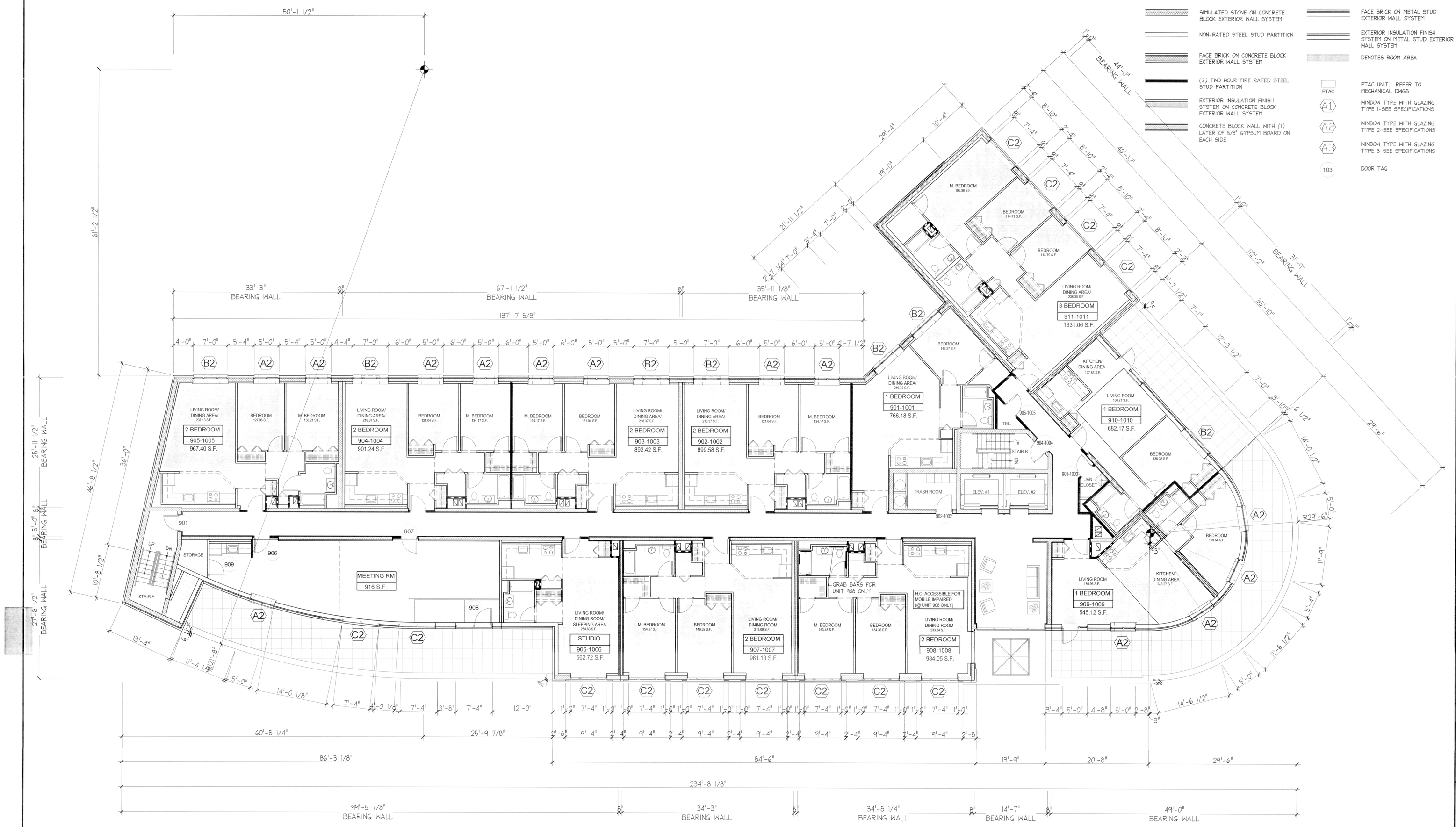
BUILDING 1
11TH AND 12TH FLOOR

STAMP: REGISTERED ARCHITECT ARCHIBALD D. NEWMAN 16099 STATE OF NEW YORK

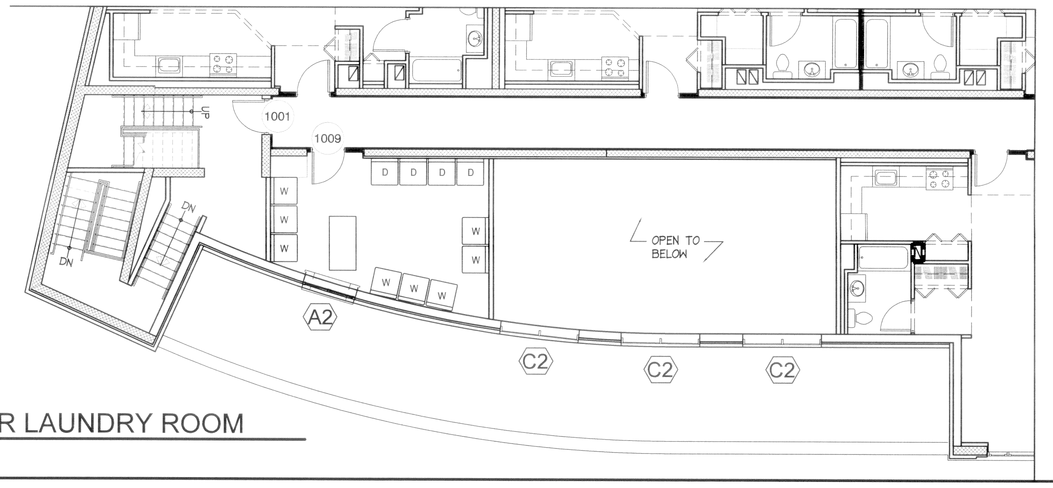
DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED
DRAWING NO:	A-107.00
FILE No. :	
SHEET:	12 OF 46

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- EXTERIOR INSULATION FINISH SYSTEM ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- FACE BRICK ON METAL STUD EXTERIOR WALL SYSTEM
- EXTERIOR INSULATION FINISH SYSTEM ON METAL STUD EXTERIOR WALL SYSTEM
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 / A-106 — 9TH AND 10TH FLOOR PLAN
Scale: 1/8" = 1'-0"



1 / A-106 — 10TH FLOOR LAUNDRY ROOM
Scale: 1/8" = 1'-0"

LAUNDRY ROOM CALCULATIONS:

WASHING MACHINES: 1 WASHING MACHINE PER 20 DWELLING UNITS
153 DWELLING UNITS / 20 = 7.65 WASHING MACHINES

DRYERS: 1 DRYER PER 40 DWELLING UNITS
153 DWELLING UNITS / 40 = 3.83 DRYERS

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

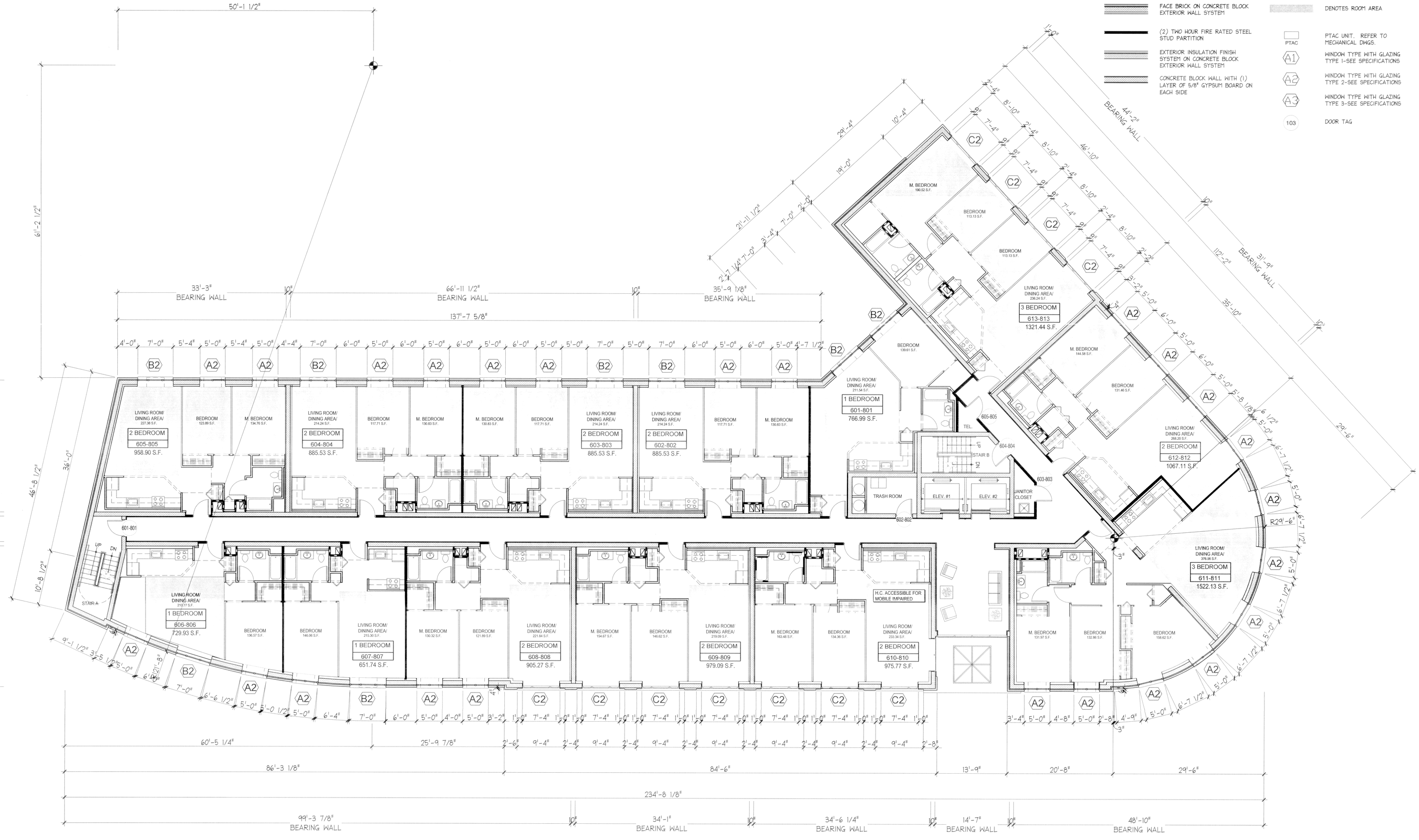
BUILDING 1
9TH AND 10TH FLOOR

STAMP: REGISTERED ARCHITECT — HAROLD D. NEWMAN — 15609 — STATE OF NEW YORK

DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED
DRAWING NO:	A-106.00
FILE No.:	SHEET: 11 OF 46

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- EXTERIOR INSULATION FINISH SYSTEM ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- FACE BRICK ON METAL STUD EXTERIOR WALL SYSTEM
- EXTERIOR INSULATION FINISH SYSTEM ON METAL STUD EXTERIOR WALL SYSTEM
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 / A-105 TYP. FLOORS 6TH THRU 8TH
Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

BUILDING 1
TYP. FLOORS 6TH THRU 8TH

STAMP: REGISTERED ARCHITECT MITCHELL D. NEWMAN 15809 STATE OF NEW YORK

DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED

DRAWING NO: **A-105.00**

FILE No. :

SHEET: **10 OF 46**

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
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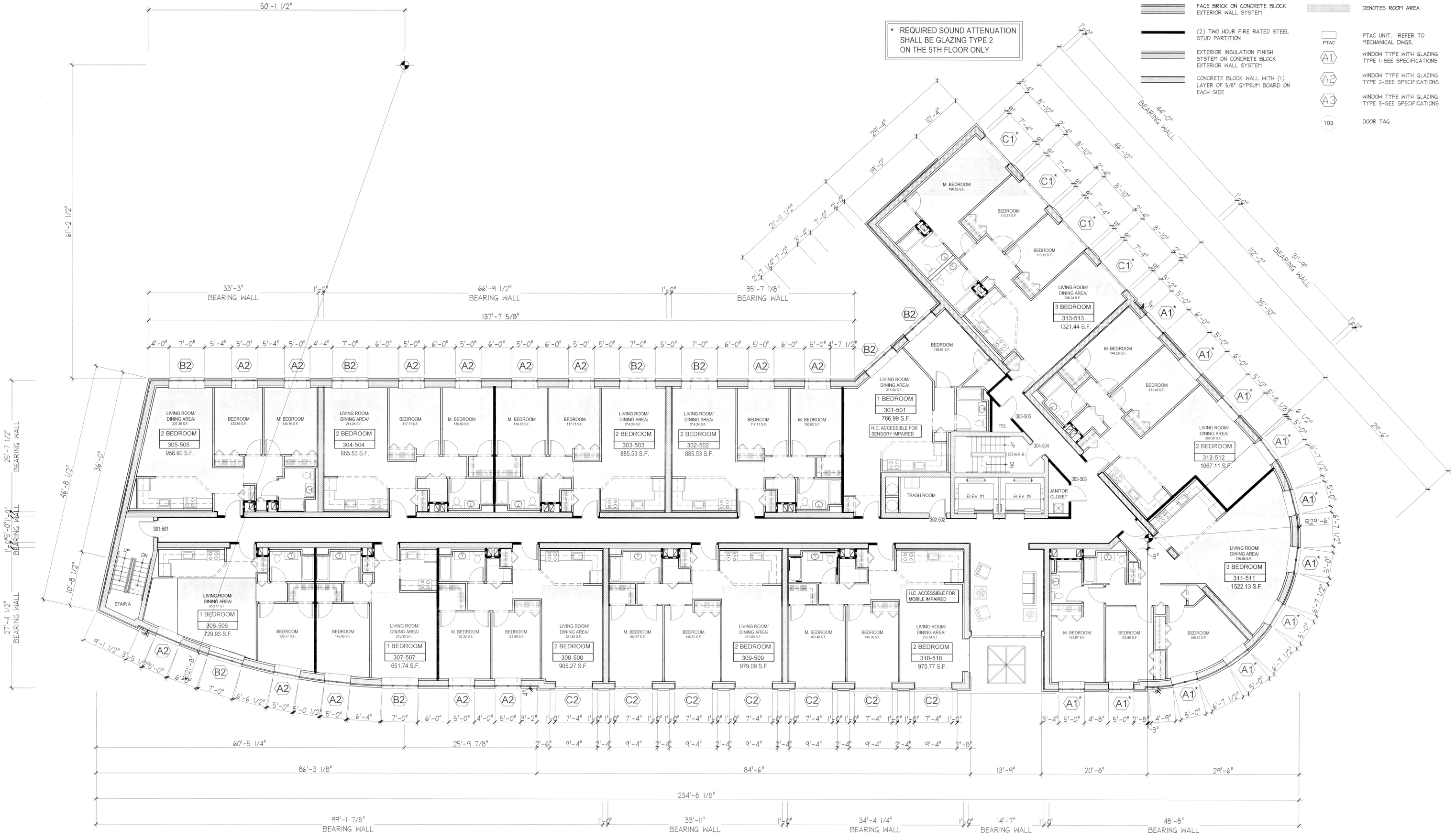
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG

* REQUIRED SOUND ATTENUATION SHALL BE GLAZING TYPE 2 ON THE 5TH FLOOR ONLY



1 A-104 TYP. FLOORS 3RD THRU 5TH
Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

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WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

BUILDING 1
TYP. FLOORS 3RD THRU 5TH

STAMP:

DATE: 11/1/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

DRAWING NO.: **A-104.00**

FILE No. :

SHEET: 9 OF 46

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
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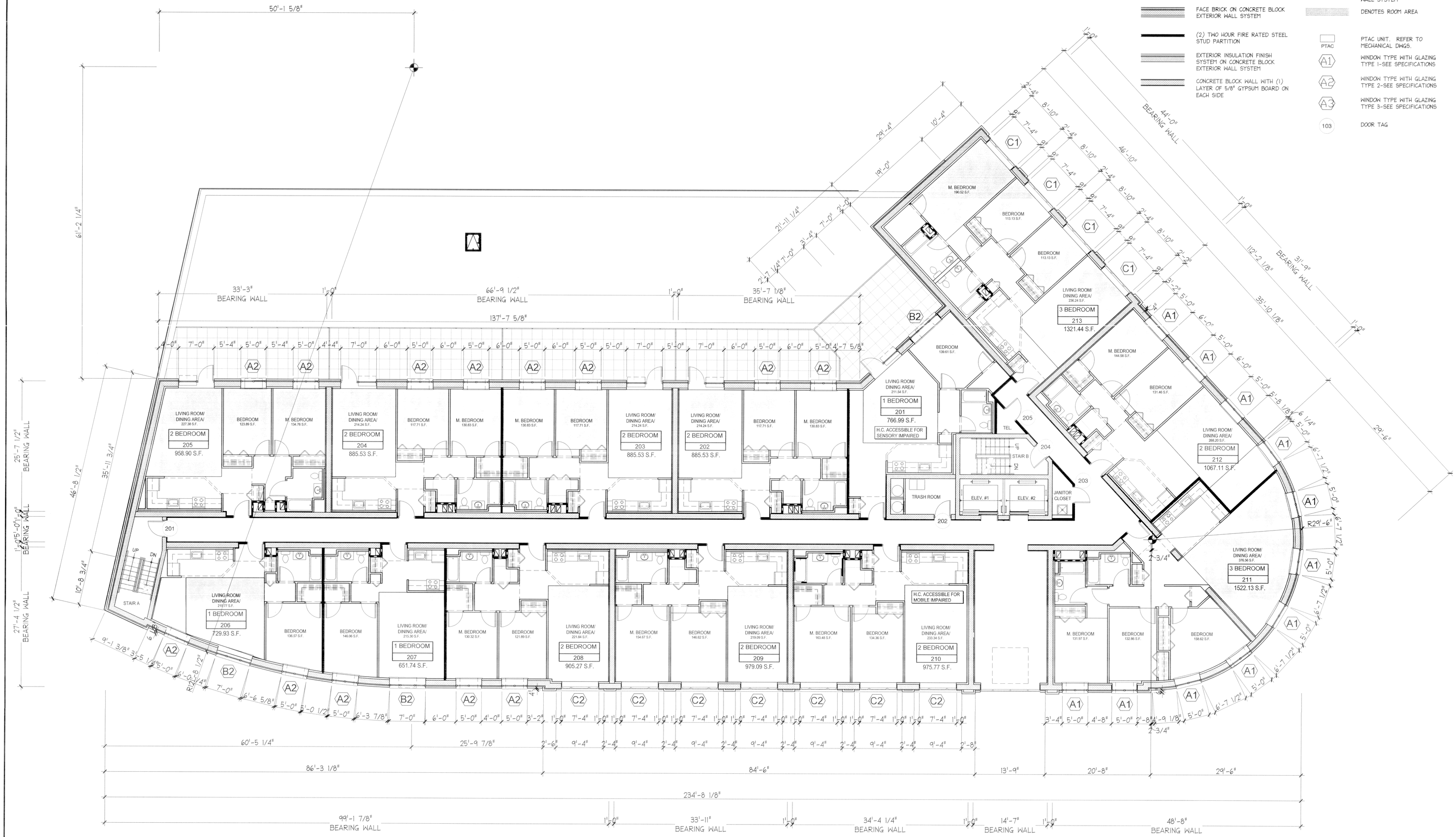
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 A-103 **2ND FLOOR PLAN**
Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

BUILDING 1
2ND FLOOR PLAN

STAMP: MITCHELL O. NEWMAN — REGISTERED ARCHITECT — STATE OF NEW YORK

DATE: 11/1/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

DRAWING NO.: **A-103.00**

FILE No. :

SHEET: 8 OF 46

LEGENDS & SYMBOLS:

- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
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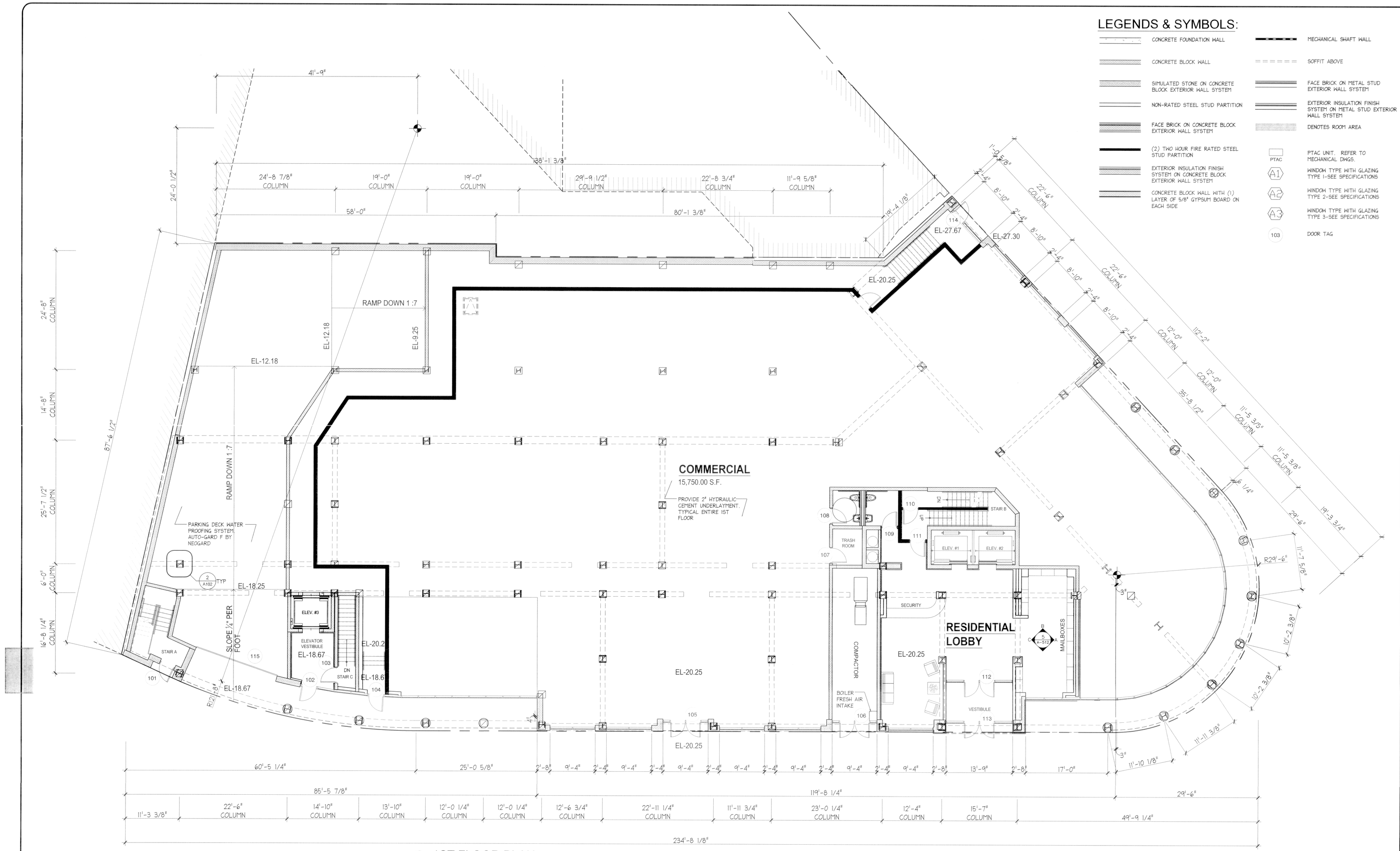
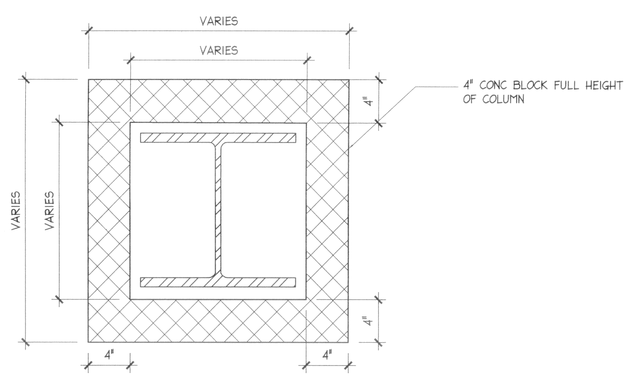
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



1 A-102 1ST FLOOR PLAN
Scale: 1/8" = 1'-0"



2 A102 TYPICAL COLUMN DETAIL
Scale: 1 1/2" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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www.ndgarchitects.com

PROJECT:
WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:
BUILDING 1
1st FLOOR PLAN

STAMP: REGISTERED ARCHITECT MITCHELL D. NEWMAN NEW YORK

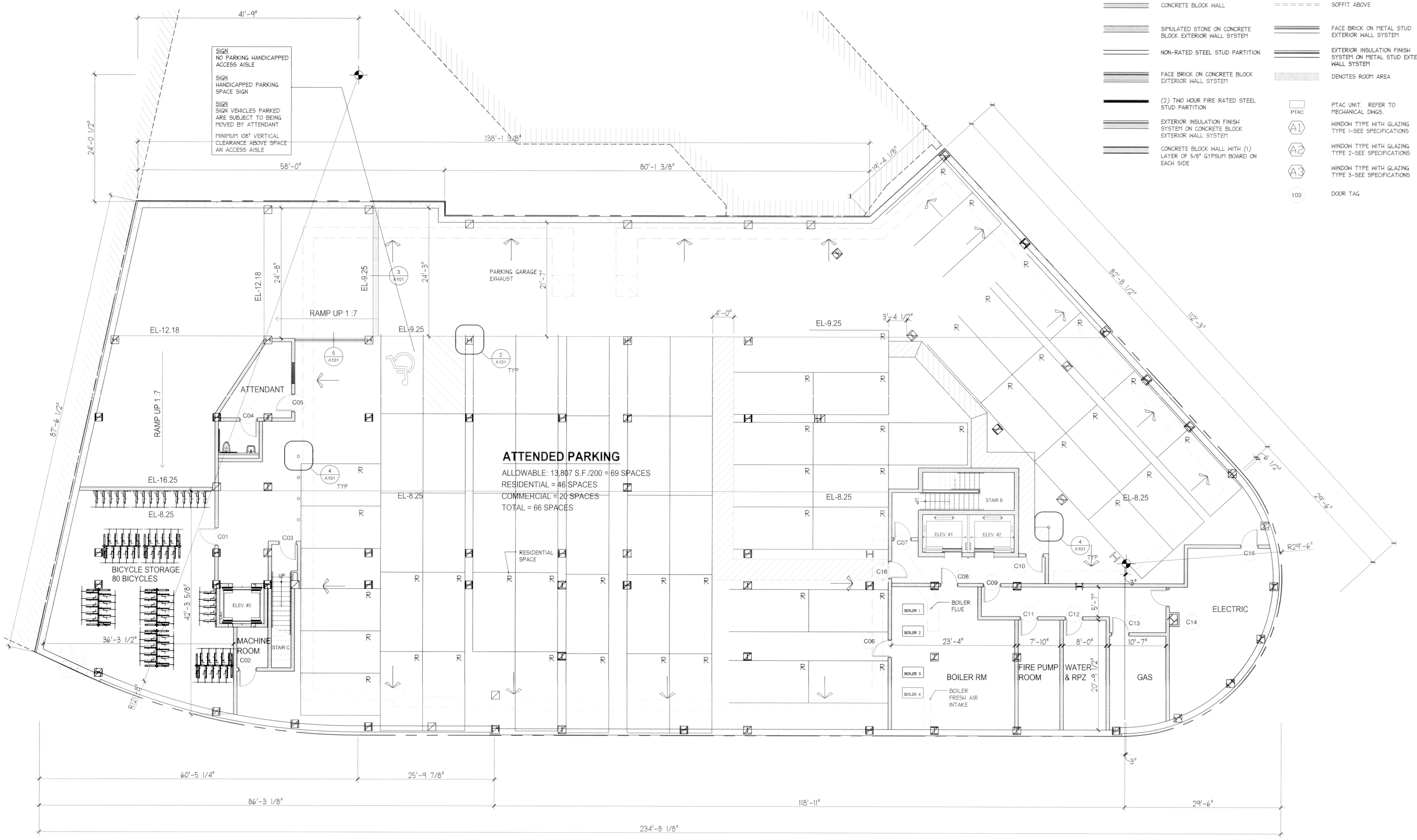
DATE: 11/1/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

DRAWING NO:
A-102.00

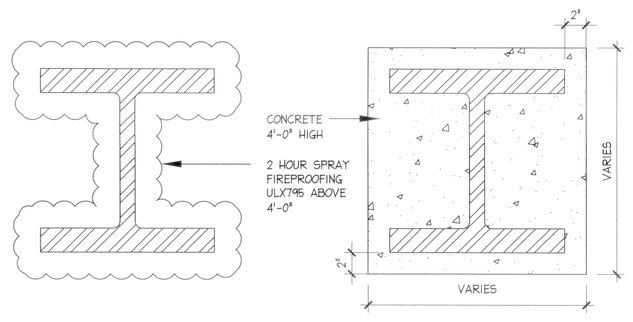
FILE No. :
SHEET: 7 OF 26

LEGENDS & SYMBOLS:

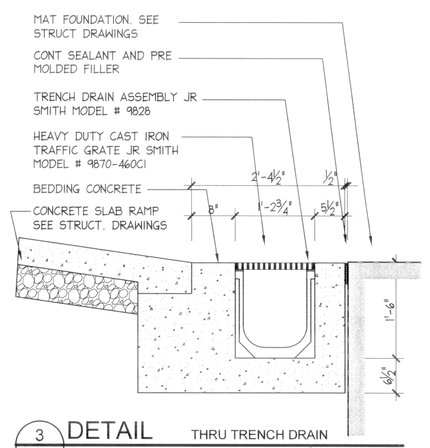
- CONCRETE FOUNDATION WALL
- CONCRETE BLOCK WALL
- SIMULATED STONE ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- NON-RATED STEEL STUD PARTITION
- FACE BRICK ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- (2) TWO HOUR FIRE RATED STEEL STUD PARTITION
- EXTERIOR INSULATION FINISH SYSTEM ON CONCRETE BLOCK EXTERIOR WALL SYSTEM
- CONCRETE BLOCK WALL WITH (1) LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE
- MECHANICAL SHAFT WALL
- SOFFIT ABOVE
- FACE BRICK ON METAL STUD EXTERIOR WALL SYSTEM
- EXTERIOR INSULATION FINISH SYSTEM ON METAL STUD EXTERIOR WALL SYSTEM
- DENOTES ROOM AREA
- PTAC — PTAC UNIT. REFER TO MECHANICAL DWGS.
- A1 — WINDOW TYPE WITH GLAZING TYPE 1-SEE SPECIFICATIONS
- A2 — WINDOW TYPE WITH GLAZING TYPE 2-SEE SPECIFICATIONS
- A3 — WINDOW TYPE WITH GLAZING TYPE 3-SEE SPECIFICATIONS
- 103 — DOOR TAG



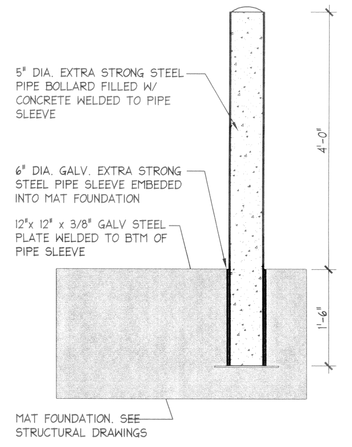
1 / A-101 CELLAR FLOOR PLAN
Scale: 1/8" = 1'-0"



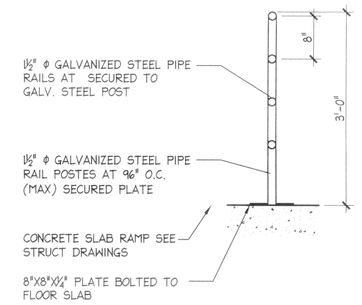
2 / A101 TYPICAL COLUMN DETAIL
Scale: 1 1/2" = 1'-0"



3 / A101 DETAIL THRU TRENCH DRAIN
Scale: 3/4" = 1'-0"



4 / A101 TYPICAL BOLLARD DETAIL
Scale: 3/4" = 1'-0"



5 / A101 DETAIL THRU RAMP RAILING
Scale: 3/4" = 1'-0"

REV.	DATE	DESCRIPTION
	08/02/13	REVISED PER DOB OBJECTIONS
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

NEWMAN DESIGN
ARCHITECTURE • URBAN PLANNING
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210 West Rogues Path • Cold Spring Hills, NY 11743
TEL: 212.673.3110 • TEL: 631.673.3111 • FAX: 631.673.2031
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PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

BUILDING 1
CELLAR FLOOR PLAN

STAMP:

MICHAEL G. NEWMAN REGISTERED ARCHITECT STATE OF NEW YORK

DATE: 11/1/12
JOB #: 09-51
DRAWN BY: KS
SCALE: AS NOTED

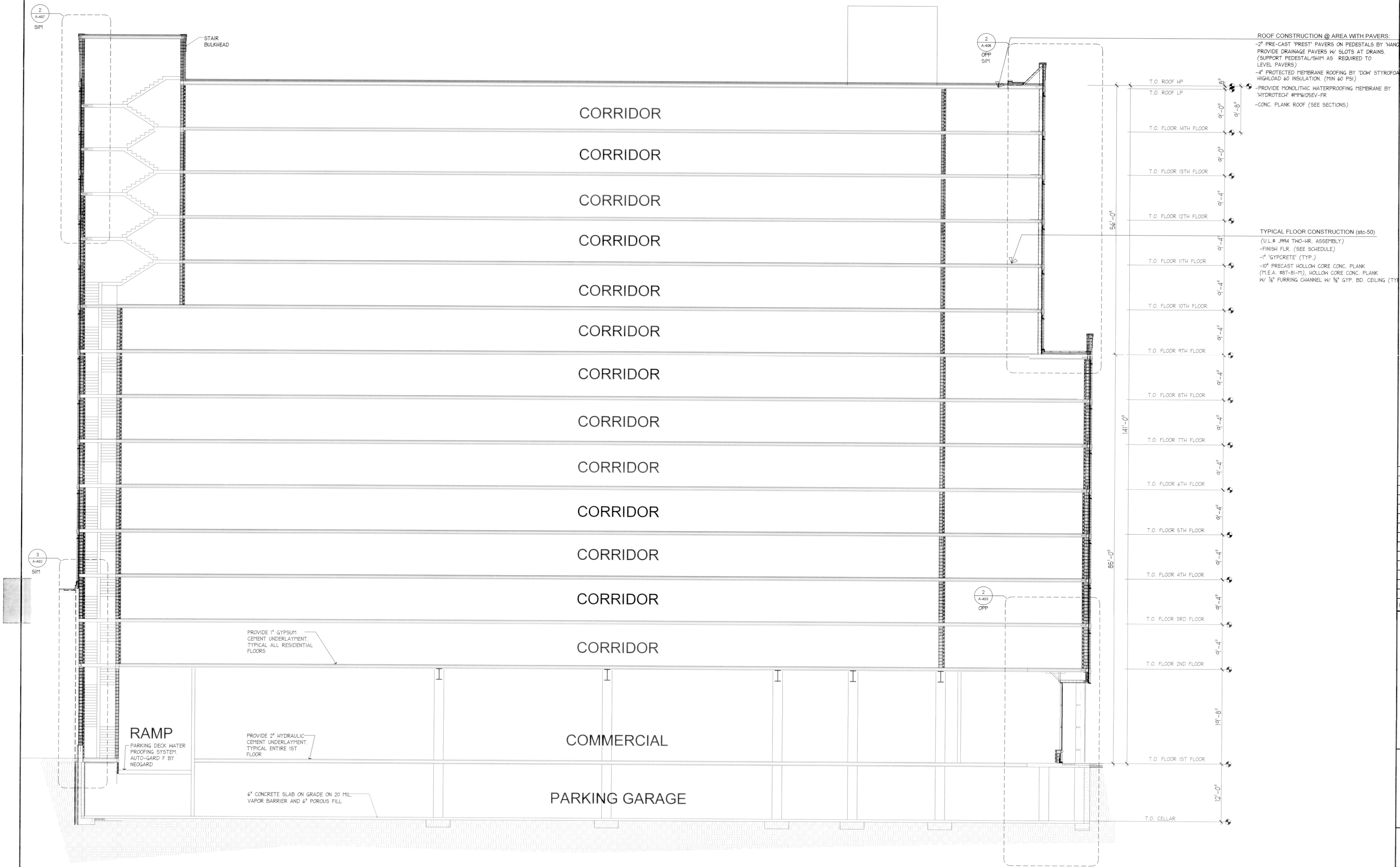
DRAWING NO:

A-101.00

FILE No.:

SHEET:

6 OF 46



1 A-205 TYP. LONGITUDINAL SECTION
Scale: 1/8" = 1'-0"

REV.	DATE	DESCRIPTION
	04/19/13	REVISED PER HPD COMMENTS
	12/6/12	ISSUED TO DOB
	11/1/12	ISSUED FOR PRICING
	09/24/12	REVISED PER HPD COMMENTS
	08/30/12	PRELIMINARY SET FOR REVIEW
	02/10/12	ISSUED FOR PRICING
	12/05/11	REVISED PER HPD COMMENTS
	05/12/11	ISSUED TO HPD

REVISIONS:

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www.ndarchitects.com

PROJECT:

WEST FARMS ROAD/ BOSTON ROAD
BRONX, NEW YORK

TITLE:

TYP. LONGITUDINAL SECTION

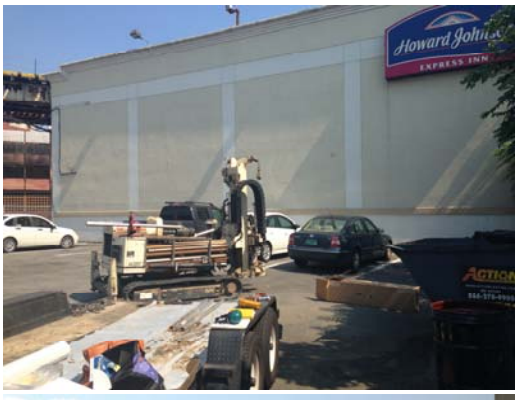
STAMP:

REGISTERED ARCHITECT MICHAEL D. NEWMAN 15619 STATE OF NEW YORK

DATE:	11/1/12
JOB #:	09-51
DRAWN BY:	KS
SCALE:	AS NOTED
DRAWING NO:	A-205.00
FILE No. :	SHEET: 25 OF 46

APPENDIX C

Photographs of Fieldwork


Howard John
EXPRESS INN

APPENDIX D

Soil Boring Logs

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 130146 Date: 8/20/13 Page: 1 of 1

Location: 1926 Longfellow Avenue, Bronx, NY
Boring No.: SP-1
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	Asphalt and loose sand and pebbles, fill material
-2	0.0	SP	Brown medium compacted silty sand
-4	0.0	SP	S.A.B.
-6	0.0	SP	S.A.B.
-8	0.0	SP	Brown fine silt and clay with pebbles
-10	0.0	SP	Brown fine silt with pebbles
-12	0.0	SP	S.A.B.
-14			

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Soil Probe Log

Job No: 130146 Date: 8/20/13 Page: 1 of 1

Location: 1926 Longfellow Avenue, Bronx, NY
Boring No.: SP-2
Drilling Method: Direct Push
Total Depth: 6 Feet
Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.1	SP	Asphalt and brown sand with pebbles, fill material
-2	0.0	SP	Brown fine silty sand with pebbles
-4	0.2	SP	S.A.B.
-6			

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Soil Probe Log

Job No: 130338 Date: 8/20/13 Page: 1 of 1

Location: 1926 Longfellow Avenue, Bronx, NY
Boring No.: SP-3
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	Asphalt, concrete and loose sand with pebbles, fill material
-2	0.3	SP	Brown medium compacted silty sand, fill material
-4	0.0	SP	Brown silty sand with brick and pebbles, fill material
-6	0.0	SP	Brown silty sand with pebbles, fill material
-8	0.0	SP	Dark brown silt and brick, fill material
-10	0.0	SP	Dark brown silty sand
-12	0.0	SP	S.A.B.
-14			

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Soil Probe Log

Job No: 130338 Date: 8/20/13 Page: 1 of 1

Location: 1926 Longfellow Avenue, Bronx, NY
Boring No.: SP-4
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	Asphalt, loose sand with pebbles, fill material
-2	0.0	SP	Brown and gray silty sand with pebbles and brick, fill material
-4	0.0	SP	Brown silty sand with brick and pebbles, fill material
-6	0.0	SP	SAB
-8	0.0	SP	Dark brown silty sand, , fill material
-10	0.0	SP	Brown silty and with pebbles and glass, fill material
-12	0.0	SP	S.A.B.
-14			

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Soil Probe Log

Job No: 130338 Date: 8/20/13 Page: 1 of 1

Location: 1939 West Farms Road, Bronx, NY
Boring No.: SP-1
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	Loose brown sand and red brick, fill material
-2	0.0	SP	S.A.B.
-4	0.0	SP	Loose brown sand with brick and pebbles, fill material
-6	0.0	SP	Silty sand with brick and pebbles, fill material
-8	0.0	SP	S.A.B.
-10	0.0	SP	Brown silty sand with brick and pebbles, fill material
-12	0.0	SP	S.A.B.
-14			

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Soil Probe Log

Job No: 130338 Date: 8/20/13 Page: 1 of 1

Location: 1939 West Farms Road, Bronx, NY
Boring No.: SP-2
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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 sand with brick and rocks, fill material
-2	0.0	SP	S.A.B.
-4	0.0	SP	S.A.B.
-6	0.0	SP	No recovery
-8	0.0	SP	Brown loose sand and gray silty sand
-10	0.0	SP	Brown silty sand
-12	0.0	SP	S.A.B.
-14			

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Soil Probe Log

Job No: 130338 Date: 8/20/13 Page: 1 of 1

Location: 1939 West Farms Road, Bronx, NY
Boring No.: SP-3
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	Brick and concrete, loose brown sand and wood, fill material
-2	0.2	SP	S.A.B.
-4	0.2	SP	Brown loose sand and brick, fill material
-6	0.0	SP	S.A.B
-8	0.0	SP	Dark brown silty sand
-10	0.0	SP	Brown sand with pebbles
-12	0.0	SP	Brown compact sand
-14			

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Soil Probe Log

Job No: 130338 Date: 8/21/13 Page: 1 of 1

Location: 1939 West Farms Road, Bronx, NY
Boring No.: SP-4
Drilling Method: Direct Push
Total Depth: 12 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	51.2	SP	Loose sand, brick and organic material, fill material
-2	43.4	SP	S.A.B.
-4	51.6	SP	Loose brown sand, brick and concrete with pebbles, fill material
-6	10.8	SP	Brown medium compact sand with pebbles, fill material
-8	20.1	SP	Brown sand with pebbles and brick, fill material
-10	22.9	SP	S.A.B
-12			

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Soil Probe Log

Job No: 130338 Date: 8/21/13 Page: 1 of 1

Location: 1939 West Farms Road, Bronx, NY
Boring No.: SP-5
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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 to -2	6.7	SP	Loose sand, brick and pebbles, fill material
-2 to -4	7.4	SP	Brown medium compact sand, fill material
-4 to -6	17.5	SP	Loose sand with pebbles and brick, fill material
-6 to -8	4.7	SP	Dark brown medium compact silty sand with pebbles, fill material
-8 to -10	1.2	SP	S.A.B.
-10 to -12	0.3	SP	S.A.B
-12 to -14	0.9	SP	Brown medium compact silty sand

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Soil Probe Log

Job No: 130338 Date: 8/21/13 Page: 1 of 1

Location: 1939 West Farms Road, Bronx, NY
Boring No.: SP-6
Drilling Method: Direct Push
Total Depth: 14 Feet

Sampling Interval: 2 Feet
Sampling Method: Grab
Driller: Oscar & Javier
Depth to Water: N/A

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	12.2	SP	Loose gray and brown sand with brick, wood and pebbles, fill material
-2	0.8	SP	S.A.B.
-4	1.9	SP	Loose gray sand with pebbles and brick, fill material
-6	0..0	SP	Brown sand and brick with pebbles, fill material
-8	0.3	SP	S.A.B.
-10	2.6	SP	S.A.B.
-12	1.2	SP	Medium compact brown silty sand
-14			

APPENDIX E

Monitoring Well Construction Details

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
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NYC OFFICE:
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FAX: (631) 462-5877

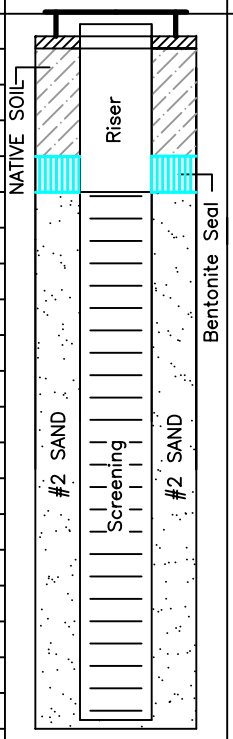
WELL CONSTRUCTION LOG

Job No: 130146 Date: 08-20-2013 Page: 1 OF 1

Location: 1926 LONGFELLOW AVENUE, BRONX

Well Number: MW-1
Drilling Method: DIRECT PUSH
Total Depth: 20'
Depth to Water: 16.61'
Manhole Size: 5"

Screen Size: 0.010"
Screen Interval: 15.00'
Diameter: 1"
Riser Length: 5.00'
Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-20.00' - #2 Sand. 5.00'-20.00' - 1" PVC Screen.

HYDRO TECH ENVIRONMENTAL CORP.

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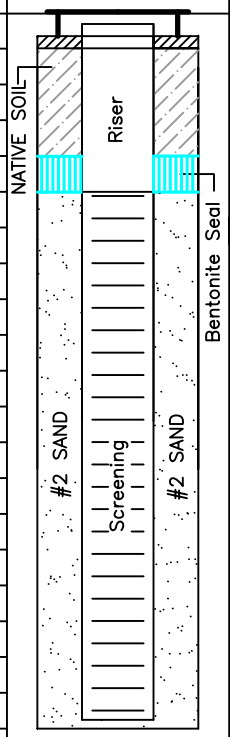
WELL CONSTRUCTION LOG

Job No: 130146 Date: 08-20-2013 Page: 1 OF 1

Location: 1926 LONGFELLOW AVENUE, BRONX

Well Number:	MW-2	Screen Size:	0.010"
Drilling Method:	DIRECT PUSH	Screen Interval:	15.00'
Total Depth:	20'	Diameter:	1"
Depth to Water:	18.17'	Riser Length:	5.00'
Manhole Size:	5"	Sand Size:	#2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-20.00' - #2 Sand. 5.00'-20.00' - 1" PVC Screen.

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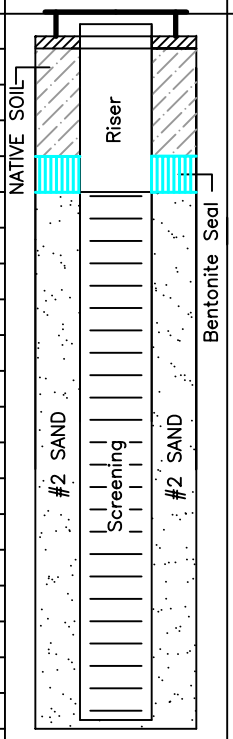
WELL CONSTRUCTION LOG

Job No: 130146 Date: 08-22-2013 Page: 1 OF 1

Location: 1936 WEST FARMS ROAD, BRONX

Well Number: MW-1
Drilling Method: DIRECT PUSH
Total Depth: 20'
Depth to Water: 18.47'
Manhole Size: 5"

Screen Size: 0.010"
Screen Interval: 15.00'
Diameter: 1"
Riser Length: 5.00'
Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-20.00' - #2 Sand. 5.00'-20.00' - 1" PVC Screen.

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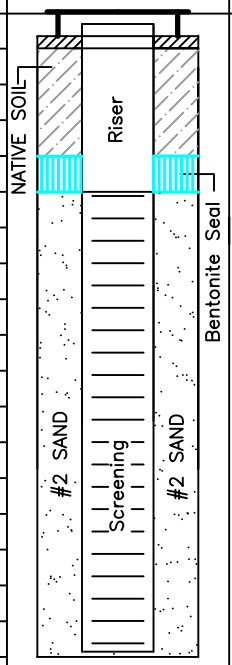
WELL CONSTRUCTION LOG

Job No: 130146 Date: 08-22-2013 Page: 1 OF 1

Location: 1936 WEST FARMS ROAD, BRONX

Well Number: MW-2
Drilling Method: DIRECT PUSH
Total Depth: 18'
Depth to Water: DRY
Manhole Size: 5"

Screen Size: 0.010"
Screen Interval: 13.00'
Diameter: 1"
Riser Length: 5.00'
Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-18.00' - #2 Sand. 5.00'-18.00' - 1" PVC Screen.

HYDRO TECH ENVIRONMENTAL CORP.

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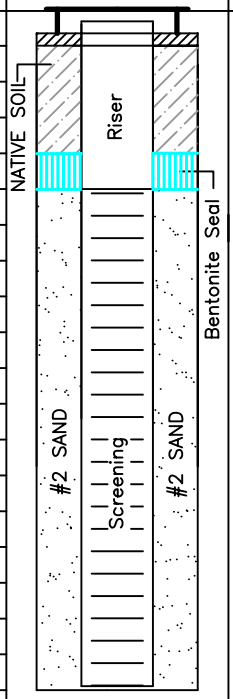
WELL CONSTRUCTION LOG

Job No: 130146 Date: 08-22-2013 Page: 1 OF 1

Location: 1936 WEST FARMS ROAD, BRONX

Well Number: MW-3
Drilling Method: DIRECT PUSH
Total Depth: 19'
Depth to Water: DRY
Manhole Size: 5"

Screen Size: 0.010"
Screen Interval: 14.00'
Diameter: 1"
Riser Length: 5.00'
Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-19.00' - #2 Sand. 5.00'-19.00' - 1" PVC Screen.

APPENDIX F

Laboratory Reports

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 08/28/2013
Client Project ID: 130146-1926 Longfellow Ave, Bronx, NY
York Project (SDG) No.: 13H0853

Report Date: 08/28/2013
Client Project ID: 130146-1926 Longfellow Ave, Bronx, NY
York Project (SDG) No.: 13H0853

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 22, 2013 and listed below. The project was identified as your project: **130146-1926 Longfellow Ave, Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H0853-01	SP-1 (0-2)	Soil	08/20/2013	08/22/2013
13H0853-02	SP-1 (12-14)	Soil	08/20/2013	08/22/2013
13H0853-03	SP-2 (0-2)	Soil	08/20/2013	08/22/2013
13H0853-04	SP-2 (4-6)	Soil	08/20/2013	08/22/2013
13H0853-05	SP-3 (0-2)	Soil	08/20/2013	08/22/2013
13H0853-06	SP-3 (12-14)	Soil	08/20/2013	08/22/2013
13H0853-07	SP-4 (0-2)	Soil	08/20/2013	08/22/2013
13H0853-08	SP-4 (12-14)	Soil	08/20/2013	08/22/2013

General Notes for York Project (SDG) No.: 13H0853

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

Approved By: 

Date: 08/28/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

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

York Sample ID: 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	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	08/23/2013 13:15	08/26/2013 12:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
67-64-1	Acetone	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	7.8	16	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.3 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
62-53-3	Aniline	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
120-12-7	Anthracene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
218-01-9	Chrysene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1420	2820	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1420	2830	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
206-44-0	Fluoranthene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
86-73-7	Fluorene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
78-59-1	Isophorone	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
91-20-3	Naphthalene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	712	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
85-01-8	Phenanthrene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
108-95-2	Phenol	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
129-00-0	Pyrene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
110-86-1	Pyridine	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	356	1410	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:38	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*70.6 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*79.8 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*56.1 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*2.76 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*66.7 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.3 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
50-29-3	4,4'-DDT	**2.54**		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.33	9.33	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW
8001-35-2	Toxaphene	ND		ug/kg dry	94.4	94.4	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:35	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:46	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.7 %*	*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	**9980**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-36-0	Antimony	**0.797**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-38-2	Arsenic	**1.78**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-39-3	Barium	**111**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-43-9	Cadmium	ND		mg/kg dry	0.339	0.339	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-70-2	Calcium	**9470**		mg/kg dry	0.565	5.65	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-47-3	Chromium	**32.3**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-48-4	Cobalt	**11.6**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-50-8	Copper	**32.7**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7439-89-6	Iron	**22700**		mg/kg dry	2.26	2.26	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7439-92-1	Lead	**21.8**		mg/kg dry	0.339	0.339	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7439-95-4	Magnesium	**8840**		mg/kg dry	5.65	5.65	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7439-96-5	Manganese	**339**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-02-0	Nickel	**30.9**		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-09-7	Potassium	**4290**		mg/kg dry	5.65	5.65	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7782-49-2	Selenium	**2.85**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-23-5	Sodium	**305**		mg/kg dry	11.3	11.3	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-62-2	Vanadium	**28.9**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	MW
7440-66-6	Zinc	**49.1**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:53	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	**0.0861**		mg/kg dry	0.000904	0.000904	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 13:56	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	**88.5**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.396	0.565	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**32.3**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0853-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
67-64-1	Acetone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 12:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
62-53-3	Aniline	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
120-12-7	Anthracene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
207-08-9	Benzo(k)fluoranthene	**386**	J	ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
218-01-9	Chrysene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1490	2970	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1490	2970	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
206-44-0	Fluoranthene	**499**	J	ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
86-73-7	Fluorene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
78-59-1	Isophorone	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
91-20-3	Naphthalene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	748	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
85-01-8	Phenanthrene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
108-95-2	Phenol	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
129-00-0	Pyrene	**442**	J	ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
110-86-1	Pyridine	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	374	1480	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:10	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*68.0 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.1 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*50.3 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.4 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*66.3 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*81.0 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
72-55-9	4,4'-DDE	**4.35**		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
50-29-3	4,4'-DDT	**8.65**		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
309-00-2	Aldrin	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
60-57-1	Dieldrin	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
72-20-8	Endrin	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.80	9.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW
8001-35-2	Toxaphene	ND		ug/kg dry	99.2	99.2	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:50	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 23:18	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.3 %*	*30-150*

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**13100**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-36-0	Antimony	ND		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-38-2	Arsenic	**4.99**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-39-3	Barium	**199**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-70-2	Calcium	**12700**		mg/kg dry	0.594	5.94	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-47-3	Chromium	**37.5**		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-48-4	Cobalt	**15.7**		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-50-8	Copper	**143**		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7439-89-6	Iron	**40300**		mg/kg dry	2.38	2.38	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7439-92-1	Lead	**337**		mg/kg dry	0.356	0.356	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7439-95-4	Magnesium	**6810**		mg/kg dry	5.94	5.94	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7439-96-5	Manganese	**599**		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-02-0	Nickel	**32.5**		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-09-7	Potassium	**3840**		mg/kg dry	5.94	5.94	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7782-49-2	Selenium	**4.72**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-22-4	Silver	ND		mg/kg dry	0.594	0.594	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-23-5	Sodium	**370**		mg/kg dry	11.9	11.9	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-62-2	Vanadium	**42.5**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	MW
7440-66-6	Zinc	**166**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:57	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	**1.04**		mg/kg dry	0.000950	0.000950	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 15:48	AAkba

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0853-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**84.2**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.416	0.594	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**37.5**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	99	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
78-93-3	2-Butanone	**4.3**	J	ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
67-64-1	Acetone	**20**		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.2 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*97.0 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
62-53-3	Aniline	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
120-12-7	Anthracene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
56-55-3	Benzo(a)anthracene	**1120**	J	ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
50-32-8	Benzo(a)pyrene	**1460**		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	**1010**	J	ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
191-24-2	Benzo(g,h,i)perylene	**735**	J	ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
207-08-9	Benzo(k)fluoranthene	**1810**		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
218-01-9	Chrysene	**1780**		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1380	2750	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1380	2750	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **13H0853-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
206-44-0	Fluoranthene	**2900**		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
86-73-7	Fluorene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**617**	J	ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
78-59-1	Isophorone	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
91-20-3	Naphthalene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	694	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
85-01-8	Phenanthrene	**1130**	J	ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
108-95-2	Phenol	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
129-00-0	Pyrene	**2350**		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
110-86-1	Pyridine	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	347	1380	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:41	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*68.4 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.2 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*50.1 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.6 %*	*10-148*

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*64.7 %*			*10-124*						
1718-51-0	*Surrogate: Terphenyl-d14*	*67.5 %*			*10-147*						

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
72-55-9	4,4'-DDE	**1.90**		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
50-29-3	4,4'-DDT	**6.22**		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
5103-74-2	gamma-Chlordane	**2.61**		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.08	9.08	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
5103-71-9	alpha-Chlordane	**3.54**		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
8001-35-2	Toxaphene	ND		ug/kg dry	91.9	91.9	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:05	JW
	Surrogate Recoveries	**Result**			**Acceptance Range**						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*			*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.4 %*			*30-150*						

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
11096-82-5	Aroclor 1260	**0.0561**		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW
1336-36-3	Total PCBs	**0.0561**		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:23	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.2 %*	*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	**9360**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-36-0	Antimony	**3.55**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-38-2	Arsenic	**7.15**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-39-3	Barium	**112**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.330	0.330	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-70-2	Calcium	**29800**		mg/kg dry	0.550	5.50	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-47-3	Chromium	**43.2**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-48-4	Cobalt	**12.6**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-50-8	Copper	**166**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7439-89-6	Iron	**54100**		mg/kg dry	2.20	2.20	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7439-92-1	Lead	**181**		mg/kg dry	0.330	0.330	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7439-95-4	Magnesium	**11000**		mg/kg dry	5.50	5.50	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7439-96-5	Manganese	**547**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-02-0	Nickel	**40.0**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-09-7	Potassium	**2870**		mg/kg dry	5.50	5.50	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7782-49-2	Selenium	**4.30**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-23-5	Sodium	**329**		mg/kg dry	11.0	11.0	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0853-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-62-2	Vanadium	**32.5**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	MW
7440-66-6	Zinc	**97.2**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:14	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	**0.213**		mg/kg dry	0.000881	0.000881	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 16:04	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	**90.8**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.385	0.550	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**43.2**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
67-64-1	Acetone	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*94.4 %*	*85-118*

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
62-53-3	Aniline	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
120-12-7	Anthracene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
56-55-3	Benzo(a)anthracene	**198**	J	ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
50-32-8	Benzo(a)pyrene	**239**	J	ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
205-99-2	Benzo(b)fluoranthene	**248**	J	ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
207-08-9	Benzo(k)fluoranthene	**259**	J	ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
218-01-9	Chrysene	**282**		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	274	546	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	274	546	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
206-44-0	Fluoranthene	**452**		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
86-73-7	Fluorene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**92.9**	J	ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
78-59-1	Isophorone	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
91-20-3	Naphthalene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
85-01-8	Phenanthrene	**202**	J	ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
108-95-2	Phenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
129-00-0	Pyrene	**397**		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
110-86-1	Pyridine	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:11	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*77.2 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.8 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*50.7 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.0 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*64.3 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*68.5 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
50-29-3	4,4'-DDT	**4.03**		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.01	9.01	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW
8001-35-2	Toxaphene	ND		ug/kg dry	91.2	91.2	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 16:20	JW

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*		*30-150*							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.9 %*		*30-150*							

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 00:55	JW
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*		*30-150*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.7 %*		*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	**8440**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-36-0	Antimony	**1.08**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-38-2	Arsenic	**2.51**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-39-3	Barium	**124**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.328	0.328	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-70-2	Calcium	**5580**		mg/kg dry	0.546	5.46	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-47-3	Chromium	**25.2**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-48-4	Cobalt	**9.78**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-50-8	Copper	**38.0**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7439-89-6	Iron	**17800**		mg/kg dry	2.19	2.19	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7439-92-1	Lead	**110**		mg/kg dry	0.328	0.328	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7439-95-4	Magnesium	**4290**		mg/kg dry	5.46	5.46	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7439-96-5	Manganese	**325**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW

Sample Information

Client Sample ID: SP-2 (4-6) **York Sample ID:** 13H0853-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	**25.4**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-09-7	Potassium	**3410**		mg/kg dry	5.46	5.46	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7782-49-2	Selenium	**2.19**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-23-5	Sodium	**235**		mg/kg dry	10.9	10.9	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-62-2	Vanadium	**24.0**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	MW
7440-66-6	Zinc	**86.8**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:19	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	**0.0571**		mg/kg dry	0.000874	0.000874	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 14:41	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	**91.5**		%	0.100	0.100	1	SM 2540G	08/26/2013 08:35	08/26/2013 13:25	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	0.382	0.546	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**25.2**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
67-64-1	Acetone	**6.1**	J	ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	7.6	15	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:28	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
62-53-3	Aniline	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
120-12-7	Anthracene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
218-01-9	Chrysene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1390	2770	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1390	2780	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
206-44-0	Fluoranthene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
86-73-7	Fluorene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
78-59-1	Isophorone	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
91-20-3	Naphthalene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
85-01-8	Phenanthrene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
108-95-2	Phenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
129-00-0	Pyrene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
110-86-1	Pyridine	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:43	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*68.2 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.1 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*45.5 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.1 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*64.5 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.8 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	**6.41**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
72-55-9	4,4'-DDE	**3.32**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
50-29-3	4,4'-DDT	**5.07**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
5103-74-2	gamma-Chlordane	**8.18**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.16	9.16	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
5103-71-9	alpha-Chlordane	**8.62**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.7	92.7	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:21	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
11096-82-5	Aroclor 1260	**0.0334**		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW
1336-36-3	Total PCBs	**0.0334**		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:27	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.8 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**8250**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-36-0	Antimony	**1.13**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-38-2	Arsenic	**3.37**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-39-3	Barium	**176**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.333	0.333	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0853-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-70-2	Calcium	**43200**		mg/kg dry	0.555	5.55	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-47-3	Chromium	**25.0**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-48-4	Cobalt	**8.18**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-50-8	Copper	**55.6**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7439-89-6	Iron	**20300**		mg/kg dry	2.22	2.22	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7439-92-1	Lead	**111**		mg/kg dry	0.333	0.333	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7439-95-4	Magnesium	**5050**		mg/kg dry	5.55	5.55	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7439-96-5	Manganese	**319**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-02-0	Nickel	**20.8**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-09-7	Potassium	**2680**		mg/kg dry	5.55	5.55	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7782-49-2	Selenium	**1.85**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-23-5	Sodium	**409**		mg/kg dry	11.1	11.1	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-62-2	Vanadium	**56.2**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	MW
7440-66-6	Zinc	**193**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:23	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	**0.449**		mg/kg dry	0.000889	0.000889	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 14:50	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	**90.0**		%	0.100	0.100	1	SM 2540G	08/26/2013 08:35	08/26/2013 13:25	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	0.389	0.555	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**25.0**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
67-64-1	Acetone	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	8.8	18	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 15:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
62-53-3	Aniline	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
120-12-7	Anthracene	**748**	J	ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
56-55-3	Benzo(a)anthracene	**2350**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
50-32-8	Benzo(a)pyrene	**2650**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
205-99-2	Benzo(b)fluoranthene	**1800**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
207-08-9	Benzo(k)fluoranthene	**2460**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
218-01-9	Chrysene	**3560**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
53-70-3	Dibenzo(a,h)anthracene	**450**	J	ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1370	2740	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1370	2740	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
206-44-0	Fluoranthene	**5040**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
86-73-7	Fluorene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**767**	J	ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
78-59-1	Isophorone	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
91-20-3	Naphthalene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	691	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
85-01-8	Phenanthrene	**2710**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
108-95-2	Phenol	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
129-00-0	Pyrene	**4800**		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
110-86-1	Pyridine	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	345	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/27/2013 00:14	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*71.9 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.7 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*64.8 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.9 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*74.0 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*88.1 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.05	9.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW
8001-35-2	Toxaphene	ND		ug/kg dry	91.6	91.6	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:36	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 01:59	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.8 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**11300**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-36-0	Antimony	**0.861**		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-38-2	Arsenic	**7.40**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-39-3	Barium	**293**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0853-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-43-9	Cadmium	**3.00**		mg/kg dry	0.329	0.329	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-70-2	Calcium	**5690**		mg/kg dry	0.548	5.48	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-47-3	Chromium	**23.8**		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-48-4	Cobalt	**9.32**		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-50-8	Copper	**79.9**		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7439-89-6	Iron	**25400**		mg/kg dry	2.19	2.19	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7439-92-1	Lead	**481**		mg/kg dry	0.329	0.329	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7439-95-4	Magnesium	**4880**		mg/kg dry	5.48	5.48	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7439-96-5	Manganese	**317**		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-02-0	Nickel	**18.9**		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-09-7	Potassium	**2200**		mg/kg dry	5.48	5.48	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7782-49-2	Selenium	**3.40**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-23-5	Sodium	**259**		mg/kg dry	11.0	11.0	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-62-2	Vanadium	**31.5**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	MW
7440-66-6	Zinc	**821**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:28	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	**2.86**		mg/kg dry	0.000877	0.000877	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 14:59	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	**91.2**		%	0.100	0.100	1	SM 2540G	08/26/2013 08:35	08/26/2013 13:25	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	0.384	0.548	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**23.8**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
67-64-1	Acetone	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	7.9	16	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 13:58	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.4 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*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	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
62-53-3	Aniline	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
120-12-7	Anthracene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
218-01-9	Chrysene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1390	2760	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1390	2770	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
206-44-0	Fluoranthene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
86-73-7	Fluorene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
78-59-1	Isophorone	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
91-20-3	Naphthalene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	697	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
85-01-8	Phenanthrene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
108-95-2	Phenol	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
129-00-0	Pyrene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
110-86-1	Pyridine	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	349	1380	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 00:45	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*54.3 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.8 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*53.6 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.7 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*67.8 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.6 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
50-29-3	4,4'-DDT	**4.20**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.13	9.13	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.4	92.4	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 17:51	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
11096-82-5	Aroclor 1260	**0.0270**		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW
1336-36-3	Total PCBs	**0.0270**		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 02:32	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*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	**12200**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-36-0	Antimony	**5.17**		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-38-2	Arsenic	**8.85**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-39-3	Barium	**99.9**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-70-2	Calcium	**15300**		mg/kg dry	0.553	5.53	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-47-3	Chromium	**52.1**		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-48-4	Cobalt	**17.6**		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-50-8	Copper	**239**		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7439-89-6	Iron	**81200**		mg/kg dry	2.21	2.21	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7439-92-1	Lead	**173**		mg/kg dry	0.332	0.332	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7439-95-4	Magnesium	**6680**		mg/kg dry	5.53	5.53	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7439-96-5	Manganese	**898**		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-02-0	Nickel	**47.9**		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-09-7	Potassium	**3780**		mg/kg dry	5.53	5.53	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7782-49-2	Selenium	**4.21**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-23-5	Sodium	**345**		mg/kg dry	11.1	11.1	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-62-2	Vanadium	**40.5**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	MW
7440-66-6	Zinc	**128**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:33	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	**0.107**		mg/kg dry	0.000886	0.000886	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 15:27	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	**90.3**		%	0.100	0.100	1	SM 2540G	08/26/2013 08:35	08/26/2013 13:25	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	0.387	0.553	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**52.1**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0853-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
67-64-1	Acetone	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
127-18-4	Tetrachloroethylene	**6.0**		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	08/23/2013 13:15	08/26/2013 14:35	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.2 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*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	**528**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
208-96-8	Acenaphthylene	**643**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
62-53-3	Aniline	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
120-12-7	Anthracene	**1520**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
56-55-3	Benzo(a)anthracene	**3000**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
50-32-8	Benzo(a)pyrene	**3250**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
205-99-2	Benzo(b)fluoranthene	**2930**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
207-08-9	Benzo(k)fluoranthene	**3170**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
117-81-7	Bis(2-ethylhexyl)phthalate	**765**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
218-01-9	Chrysene	**3760**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
132-64-9	Dibenzofuran	**487**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1600	3200	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1600	3200	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
206-44-0	Fluoranthene	**7570**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
86-73-7	Fluorene	**515**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**586**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
78-59-1	Isophorone	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
91-20-3	Naphthalene	**851**	J	ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
98-95-3	Nitrobenzene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	807	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
85-01-8	Phenanthrene	**5500**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
108-95-2	Phenol	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
129-00-0	Pyrene	**6460**		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
110-86-1	Pyridine	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	403	1600	5	EPA SW-846 8270C	08/26/2013 07:20	08/27/2013 01:16	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*68.4 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.4 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*31.0 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*0.787 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*53.9 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*74.3 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
50-29-3	4,4'-DDT	**3.19**		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
309-00-2	Aldrin	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
72-20-8	Endrin	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	10.6	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.11	2.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW
8001-35-2	Toxaphene	ND		ug/kg dry	107	107	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 18:06	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0218	0.0218	1	EPA SW 846-8082A	08/26/2013 07:11	08/28/2013 03:04	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-150*

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**9300**		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-36-0	Antimony	**15.7**		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-38-2	Arsenic	**20.7**		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-39-3	Barium	**634**		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.128	0.128	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-43-9	Cadmium	**3.73**		mg/kg dry	0.384	0.384	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-70-2	Calcium	**7130**		mg/kg dry	0.640	6.40	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-47-3	Chromium	**56.6**		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-48-4	Cobalt	**17.8**		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-50-8	Copper	**348**		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7439-89-6	Iron	**102000**		mg/kg dry	2.56	2.56	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7439-92-1	Lead	**1410**		mg/kg dry	0.384	0.384	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7439-95-4	Magnesium	**3200**		mg/kg dry	6.40	6.40	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7439-96-5	Manganese	**2330**		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-02-0	Nickel	**50.3**		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-09-7	Potassium	**1970**		mg/kg dry	6.40	6.40	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7782-49-2	Selenium	**6.74**		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.640	0.640	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-23-5	Sodium	**584**		mg/kg dry	12.8	12.8	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-28-0	Thallium	ND		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-62-2	Vanadium	**53.8**		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	MW
7440-66-6	Zinc	**1800**		mg/kg dry	1.28	1.28	1	EPA SW846-6010B	08/23/2013 15:04	08/24/2013 00:40	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	**1.05**		mg/kg dry	0.00102	0.00102	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 15:35	AAkba

Sample Information

Client Sample ID: SP-4 (12-14) **York Sample ID:** 13H0853-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0853	130146-1926 Longfellow Ave, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**78.1**		%	0.100	0.100	1	SM 2540G	08/26/2013 08:35	08/26/2013 13:25	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	0.448	0.640	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**56.6**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Analytical Batch Summary

Batch ID: BH31155 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/23/13
13H0853-02	SP-1 (12-14)	08/23/13
13H0853-03	SP-2 (0-2)	08/23/13
13H0853-04	SP-2 (4-6)	08/23/13
13H0853-05	SP-3 (0-2)	08/23/13
13H0853-06	SP-3 (12-14)	08/23/13
BH31155-BLK1	Blank	08/23/13
BH31155-BS1	LCS	08/23/13
BH31155-BSD1	LCS Dup	08/23/13

Batch ID: BH31163 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/23/13
13H0853-02	SP-1 (12-14)	08/23/13
13H0853-03	SP-2 (0-2)	08/23/13
13H0853-04	SP-2 (4-6)	08/23/13
13H0853-05	SP-3 (0-2)	08/23/13
13H0853-06	SP-3 (12-14)	08/23/13
13H0853-07	SP-4 (0-2)	08/23/13
13H0853-08	SP-4 (12-14)	08/23/13
BH31163-BLK1	Blank	08/23/13
BH31163-SRM1	Reference	08/23/13

Batch ID: BH31179 **Preparation Method:** EPA 3550B **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/26/13
13H0853-01	SP-1 (0-2)	08/26/13
13H0853-02	SP-1 (12-14)	08/26/13
13H0853-02	SP-1 (12-14)	08/26/13
13H0853-03	SP-2 (0-2)	08/26/13
13H0853-03	SP-2 (0-2)	08/26/13
13H0853-04	SP-2 (4-6)	08/26/13
13H0853-04	SP-2 (4-6)	08/26/13
13H0853-05	SP-3 (0-2)	08/26/13
13H0853-05	SP-3 (0-2)	08/26/13
13H0853-06	SP-3 (12-14)	08/26/13
13H0853-06	SP-3 (12-14)	08/26/13
13H0853-07	SP-4 (0-2)	08/26/13
13H0853-07	SP-4 (0-2)	08/26/13
13H0853-08	SP-4 (12-14)	08/26/13
13H0853-08	SP-4 (12-14)	08/26/13
BH31179-BLK1	Blank	08/26/13
BH31179-BLK1	Blank	08/26/13
BH31179-BS1	LCS	08/26/13

BH31179-BS2	LCS	08/26/13
BH31179-BSD1	LCS Dup	08/26/13

Batch ID: BH31180 **Preparation Method:** EPA 3550B **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-07	SP-4 (0-2)	08/26/13
13H0853-08	SP-4 (12-14)	08/26/13

Batch ID: BH31191 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-04	SP-2 (4-6)	08/26/13
13H0853-05	SP-3 (0-2)	08/26/13
13H0853-06	SP-3 (12-14)	08/26/13
13H0853-07	SP-4 (0-2)	08/26/13
13H0853-08	SP-4 (12-14)	08/26/13

Batch ID: BH31193 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-07	SP-4 (0-2)	08/23/13
13H0853-08	SP-4 (12-14)	08/23/13
BH31193-BLK1	Blank	08/26/13
BH31193-BS1	LCS	08/26/13
BH31193-BSD1	LCS Dup	08/26/13

Batch ID: BH31201 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/23/13
13H0853-02	SP-1 (12-14)	08/23/13
13H0853-03	SP-2 (0-2)	08/23/13
13H0853-04	SP-2 (4-6)	08/23/13
13H0853-05	SP-3 (0-2)	08/23/13
13H0853-06	SP-3 (12-14)	08/23/13
BH31201-BLK1	Blank	08/26/13
BH31201-BS1	LCS	08/26/13
BH31201-BSD1	LCS Dup	08/26/13
BH31201-MS1	Matrix Spike	08/26/13

Batch ID: BH31222 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/26/13
13H0853-02	SP-1 (12-14)	08/26/13
13H0853-03	SP-2 (0-2)	08/26/13

Batch ID: BH31235 **Preparation Method:** EPA SW846-3060 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/26/13
13H0853-02	SP-1 (12-14)	08/26/13
13H0853-03	SP-2 (0-2)	08/26/13
13H0853-04	SP-2 (4-6)	08/26/13
13H0853-05	SP-3 (0-2)	08/26/13
13H0853-06	SP-3 (12-14)	08/26/13
13H0853-07	SP-4 (0-2)	08/26/13
13H0853-08	SP-4 (12-14)	08/26/13
BH31235-BLK1	Blank	08/26/13
BH31235-SRM1	Reference	08/26/13

Batch ID: BH31263 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/27/13
13H0853-02	SP-1 (12-14)	08/27/13
13H0853-03	SP-2 (0-2)	08/27/13
13H0853-04	SP-2 (4-6)	08/27/13
13H0853-05	SP-3 (0-2)	08/27/13
13H0853-06	SP-3 (12-14)	08/27/13
13H0853-07	SP-4 (0-2)	08/27/13
13H0853-08	SP-4 (12-14)	08/27/13
BH31263-BLK1	Blank	08/27/13
BH31263-SRM1	Reference	08/27/13

Batch ID: BH31314 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
13H0853-01	SP-1 (0-2)	08/28/13
13H0853-02	SP-1 (12-14)	08/28/13
13H0853-03	SP-2 (0-2)	08/28/13
13H0853-04	SP-2 (4-6)	08/28/13
13H0853-05	SP-3 (0-2)	08/28/13
13H0853-06	SP-3 (12-14)	08/28/13
13H0853-07	SP-4 (0-2)	08/28/13
13H0853-08	SP-4 (12-14)	08/28/13

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
Batch BH31193 - EPA 5035A											
Blank (BH31193-BLK1)											Prepared & Analyzed: 08/26/2013
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
Batch BH31193 - EPA 5035A											
Blank (BH31193-BLK1)								Prepared & Analyzed: 08/26/2013			
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	*56.0*		*ug/L*	*50.0*		*112*	*72-137*				
Surrogate: p-Bromofluorobenzene	*44.6*		*"*	*50.0*		*89.2*	*72-138*				
Surrogate: Toluene-d8	*51.5*		*"*	*50.0*		*103*	*85-118*				
LCS (BH31193-BS1)								Prepared & Analyzed: 08/26/2013			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.4	91-113				
1,1,1-Trichloroethane	49		"	50.0		97.4	76-135				
1,1,2,2-Tetrachloroethane	56		"	50.0		113	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		103	68-144				
1,1,2-Trichloroethane	51		"	50.0		102	82-114				
1,1-Dichloroethane	52		"	50.0		103	80-119				
1,1-Dichloroethylene	46		"	50.0		92.9	58-139				
1,1-Dichloropropylene	47		"	50.0		94.8	75-117				
1,2,3-Trichlorobenzene	48		"	50.0		96.6	72-133				
1,2,3-Trichloropropane	53		"	50.0		107	82-117				
1,2,4-Trichlorobenzene	49		"	50.0		98.6	69-135				
1,2,4-Trimethylbenzene	52		"	50.0		104	82-116				
1,2-Dibromo-3-chloropropane	56		"	50.0		112	72-131				
1,2-Dibromoethane	51		"	50.0		102	86-114				
1,2-Dichlorobenzene	54		"	50.0		108	85-114				
1,2-Dichloroethane	53		"	50.0		105	72-136				
1,2-Dichloropropane	57		"	50.0		115	79-119				
1,3,5-Trimethylbenzene	53		"	50.0		105	86-114				
1,3-Dichlorobenzene	50		"	50.0		101	84-114				
1,3-Dichloropropane	54		"	50.0		108	82-117				
1,4-Dichlorobenzene	52		"	50.0		103	82-116				
1,4-Dioxane	1100		"	1000		113	10-208				
2,2-Dichloropropane	49		"	50.0		98.0	44-148				
2-Butanone	47		"	50.0		94.7	60-129				
2-Chlorotoluene	52		"	50.0		104	82-114				
4-Chlorotoluene	53		"	50.0		105	82-117				
Acetone	40		"	50.0		80.0	26-119				
Benzene	51		"	50.0		101	81-117				
Bromobenzene	54		"	50.0		107	85-114				
Bromochloromethane	54		"	50.0		108	79-118				
Bromodichloromethane	51		"	50.0		103	88-123				
Bromoform	47		"	50.0		94.2	85-122				

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 BH31193 - EPA 5035A											
LCS (BH31193-BS1)								Prepared & Analyzed: 08/26/2013			
Bromomethane	44		ug/L	50.0		87.6	43-137				
Carbon tetrachloride	51		"	50.0		101	79-135				
Chlorobenzene	51		"	50.0		102	87-112				
Chloroethane	49		"	50.0		97.7	60-132				
Chloroform	49		"	50.0		97.7	80-126				
Chloromethane	50		"	50.0		99.5	36-133				
cis-1,2-Dichloroethylene	48		"	50.0		96.2	80-119				
cis-1,3-Dichloropropylene	55		"	50.0		111	87-125				
Dibromochloromethane	52		"	50.0		104	86-128				
Dibromomethane	52		"	50.0		105	85-121				
Dichlorodifluoromethane	36		"	50.0		71.6	10-156				
Ethyl Benzene	52		"	50.0		105	88-117				
Hexachlorobutadiene	49		"	50.0		98.8	82-129				
Isopropylbenzene	52		"	50.0		105	84-116				
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	58-137				
Methylene chloride	46		"	50.0		92.0	47-140				
Naphthalene	62		"	50.0		125	65-143				
n-Butylbenzene	56		"	50.0		113	79-119				
n-Propylbenzene	54		"	50.0		107	82-116				
o-Xylene	52		"	50.0		103	88-111				
p- & m- Xylenes	110		"	100		107	86-117				
p-Isopropyltoluene	54		"	50.0		109	84-120				
sec-Butylbenzene	55		"	50.0		111	85-119				
Styrene	52		"	50.0		104	85-119				
tert-Butylbenzene	54		"	50.0		108	84-119				
Tetrachloroethylene	45		"	50.0		91.0	74-127				
Toluene	50		"	50.0		101	83-114				
trans-1,2-Dichloroethylene	50		"	50.0		99.1	68-131				
trans-1,3-Dichloropropylene	54		"	50.0		107	81-127				
Trichloroethylene	51		"	50.0		101	84-118				
Trichlorofluoromethane	50		"	50.0		99.0	59-148				
Vinyl Chloride	49		"	50.0		98.4	46-133				
Vinyl acetate	11		"	50.0		21.9	10-84				
Surrogate: 1,2-Dichloroethane-d4	*54.4*		*"*	*50.0*		*109*	*72-137*				
Surrogate: p-Bromofluorobenzene	*42.6*		*"*	*50.0*		*85.3*	*72-138*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*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 BH31193 - EPA 5035A											
LCS Dup (BH31193-BSD1)								Prepared & Analyzed: 08/26/2013			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	91-113		1.89	30	
1,1,1-Trichloroethane	47		"	50.0		94.8	76-135		2.68	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		110	82-119		2.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		101	68-144		1.76	30	
1,1,2-Trichloroethane	52		"	50.0		103	82-114		1.46	30	
1,1-Dichloroethane	50		"	50.0		100	80-119		2.79	30	
1,1-Dichloroethylene	45		"	50.0		90.7	58-139		2.37	30	
1,1-Dichloropropylene	46		"	50.0		92.4	75-117		2.56	30	
1,2,3-Trichlorobenzene	48		"	50.0		95.0	72-133		1.69	30	
1,2,3-Trichloropropane	52		"	50.0		103	82-117		3.66	30	
1,2,4-Trichlorobenzene	48		"	50.0		97.0	69-135		1.60	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	82-116		3.48	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		109	72-131		2.55	30	
1,2-Dibromoethane	52		"	50.0		104	86-114		1.46	30	
1,2-Dichlorobenzene	53		"	50.0		106	85-114		2.03	30	
1,2-Dichloroethane	51		"	50.0		103	72-136		2.31	30	
1,2-Dichloropropane	58		"	50.0		116	79-119		0.816	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	86-114		2.31	30	
1,3-Dichlorobenzene	49		"	50.0		98.1	84-114		2.78	30	
1,3-Dichloropropane	54		"	50.0		108	82-117		0.647	30	
1,4-Dichlorobenzene	50		"	50.0		100	82-116		2.95	30	
1,4-Dioxane	1100		"	1000		114	10-208		1.46	30	
2,2-Dichloropropane	47		"	50.0		93.3	44-148		4.94	30	
2-Butanone	47		"	50.0		93.9	60-129		0.806	30	
2-Chlorotoluene	50		"	50.0		101	82-114		3.32	30	
4-Chlorotoluene	51		"	50.0		102	82-117		3.60	30	
Acetone	41		"	50.0		81.4	26-119		1.68	30	
Benzene	50		"	50.0		99.8	81-117		1.49	30	
Bromobenzene	52		"	50.0		104	85-114		2.80	30	
Bromochloromethane	53		"	50.0		106	79-118		1.99	30	
Bromodichloromethane	52		"	50.0		103	88-123		0.408	30	
Bromoform	45		"	50.0		90.8	85-122		3.70	30	
Bromomethane	41		"	50.0		81.5	43-137		7.17	30	
Carbon tetrachloride	49		"	50.0		97.9	79-135		3.40	30	
Chlorobenzene	51		"	50.0		102	87-112		0.177	30	
Chloroethane	49		"	50.0		97.5	60-132		0.246	30	
Chloroform	48		"	50.0		96.5	80-126		1.22	30	
Chloromethane	49		"	50.0		98.6	36-133		0.969	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.3	80-119		0.982	30	
cis-1,3-Dichloropropylene	55		"	50.0		110	87-125		1.07	30	
Dibromochloromethane	53		"	50.0		105	86-128		0.877	30	
Dibromomethane	53		"	50.0		106	85-121		1.02	30	
Dichlorodifluoromethane	35		"	50.0		70.2	10-156		1.95	30	
Ethyl Benzene	52		"	50.0		104	88-117		0.268	30	
Hexachlorobutadiene	49		"	50.0		98.0	82-129		0.854	30	
Isopropylbenzene	51		"	50.0		102	84-116		2.67	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.3	58-137		1.73	30	
Methylene chloride	49		"	50.0		97.6	47-140		5.91	30	
Naphthalene	62		"	50.0		124	65-143		0.385	30	
n-Butylbenzene	55		"	50.0		109	79-119		3.24	30	
n-Propylbenzene	52		"	50.0		104	82-116		2.84	30	

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

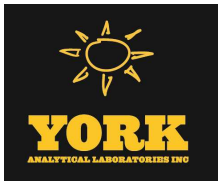
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31193 - EPA 5035A											
LCS Dup (BH31193-BSD1)								Prepared & Analyzed: 08/26/2013			
o-Xylene	52		ug/L	50.0		104	88-111		0.561	30	
p- & m- Xylenes	110		"	100		107	86-117		0.216	30	
p-Isopropyltoluene	53		"	50.0		105	84-120		2.97	30	
sec-Butylbenzene	54		"	50.0		108	85-119		2.08	30	
Styrene	53		"	50.0		105	85-119		1.59	30	
tert-Butylbenzene	52		"	50.0		105	84-119		2.69	30	
Tetrachloroethylene	46		"	50.0		92.5	74-127		1.66	30	
Toluene	51		"	50.0		102	83-114		1.02	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.7	68-131		3.49	30	
trans-1,3-Dichloropropylene	53		"	50.0		107	81-127		0.355	30	
Trichloroethylene	51		"	50.0		102	84-118		0.651	30	
Trichlorofluoromethane	48		"	50.0		95.8	59-148		3.31	30	
Vinyl Chloride	48		"	50.0		96.3	46-133		2.18	30	
Vinyl acetate	11		"	50.0		21.1	10-84		3.72	30	
Surrogate: 1,2-Dichloroethane-d4	*53.9*		*"*	*50.0*		*108*	*72-137*				
Surrogate: p-Bromofluorobenzene	*42.3*		*"*	*50.0*		*84.5*	*72-138*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-118*				
Batch BH31201 - EPA 5035A											
Blank (BH31201-BLK1)								Prepared & Analyzed: 08/26/2013			
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	"								

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

York Analytical Laboratories, Inc.

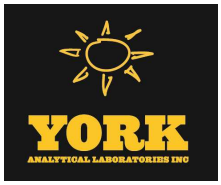
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31201 - EPA 5035A											
Blank (BH31201-BLK1)											Prepared & Analyzed: 08/26/2013
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.9*		*ug/L*	*50.0*		*104*	*72-137*				
Surrogate: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*94.0*	*72-138*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*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 BH31201 - EPA 5035A											
LCS (BH31201-BS1)								Prepared & Analyzed: 08/26/2013			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.3	91-113				
1,1,1-Trichloroethane	48		"	50.0		96.2	76-135				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.6	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		105	68-144				
1,1,2-Trichloroethane	48		"	50.0		95.4	82-114				
1,1-Dichloroethane	48		"	50.0		95.9	80-119				
1,1-Dichloroethylene	45		"	50.0		90.7	58-139				
1,1-Dichloropropylene	46		"	50.0		93.0	75-117				
1,2,3-Trichlorobenzene	56		"	50.0		112	72-133				
1,2,3-Trichloropropane	46		"	50.0		91.5	82-117				
1,2,4-Trichlorobenzene	55		"	50.0		111	69-135				
1,2,4-Trimethylbenzene	46		"	50.0		91.4	82-116				
1,2-Dibromo-3-chloropropane	59		"	50.0		118	72-131				
1,2-Dibromoethane	50		"	50.0		99.9	86-114				
1,2-Dichlorobenzene	47		"	50.0		94.3	85-114				
1,2-Dichloroethane	49		"	50.0		98.0	72-136				
1,2-Dichloropropane	49		"	50.0		98.0	79-119				
1,3,5-Trimethylbenzene	45		"	50.0		90.5	86-114				
1,3-Dichlorobenzene	45		"	50.0		90.5	84-114				
1,3-Dichloropropane	50		"	50.0		100	82-117				
1,4-Dichlorobenzene	46		"	50.0		92.4	82-116				
1,4-Dioxane	1100		"	1000		113	10-208				
2,2-Dichloropropane	49		"	50.0		97.6	44-148				
2-Butanone	47		"	50.0		93.2	60-129				
2-Chlorotoluene	45		"	50.0		90.0	82-114				
4-Chlorotoluene	43		"	50.0		86.5	82-117				
Acetone	36		"	50.0		72.0	26-119				
Benzene	48		"	50.0		96.5	81-117				
Bromobenzene	46		"	50.0		91.4	85-114				
Bromochloromethane	50		"	50.0		99.3	79-118				
Bromodichloromethane	50		"	50.0		100	88-123				
Bromoform	48		"	50.0		96.5	85-122				
Bromomethane	29		"	50.0		57.6	43-137				
Carbon tetrachloride	49		"	50.0		97.9	79-135				
Chlorobenzene	48		"	50.0		95.2	87-112				
Chloroethane	48		"	50.0		96.0	60-132				
Chloroform	48		"	50.0		96.4	80-126				
Chloromethane	39		"	50.0		77.4	36-133				
cis-1,2-Dichloroethylene	50		"	50.0		99.3	80-119				
cis-1,3-Dichloropropylene	53		"	50.0		105	87-125				
Dibromochloromethane	51		"	50.0		102	86-128				
Dibromomethane	49		"	50.0		97.6	85-121				
Dichlorodifluoromethane	36		"	50.0		72.4	10-156				
Ethyl Benzene	48		"	50.0		95.0	88-117				
Hexachlorobutadiene	51		"	50.0		102	82-129				
Isopropylbenzene	45		"	50.0		89.3	84-116				
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.6	58-137				
Methylene chloride	43		"	50.0		86.0	47-140				
Naphthalene	60		"	50.0		119	65-143				
n-Butylbenzene	50		"	50.0		99.9	79-119				
n-Propylbenzene	48		"	50.0		95.9	82-116				



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 BH31201 - EPA 5035A											
LCS (BH31201-BS1)							Prepared & Analyzed: 08/26/2013				
o-Xylene	49		ug/L	50.0		97.6	88-111				
p- & m- Xylenes	93		"	100		93.4	86-117				
p-Isopropyltoluene	47		"	50.0		94.0	84-120				
sec-Butylbenzene	46		"	50.0		92.6	85-119				
Styrene	49		"	50.0		98.3	85-119				
tert-Butylbenzene	48		"	50.0		95.2	84-119				
Tetrachloroethylene	47		"	50.0		93.9	74-127				
Toluene	46		"	50.0		91.2	83-114				
trans-1,2-Dichloroethylene	46		"	50.0		92.8	68-131				
trans-1,3-Dichloropropylene	52		"	50.0		103	81-127				
Trichloroethylene	48		"	50.0		96.9	84-118				
Trichlorofluoromethane	42		"	50.0		84.9	59-148				
Vinyl Chloride	42		"	50.0		85.0	46-133				
Vinyl acetate	14		"	50.0		28.6	10-84				
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*72-137*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*72-138*				
Surrogate: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*85-118*				
LCS Dup (BH31201-BSD1)							Prepared & Analyzed: 08/26/2013				
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		96.3	91-113		1.05	30	
1,1,1-Trichloroethane	47		"	50.0		94.7	76-135		1.55	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.7	82-119		0.927	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.6	68-144		6.98	30	
1,1,2-Trichloroethane	47		"	50.0		94.3	82-114		1.10	30	
1,1-Dichloroethane	44		"	50.0		87.8	80-119		8.75	30	
1,1-Dichloroethylene	42		"	50.0		85.0	58-139		6.56	30	
1,1-Dichloropropylene	46		"	50.0		92.8	75-117		0.172	30	
1,2,3-Trichlorobenzene	57		"	50.0		114	72-133		1.54	30	
1,2,3-Trichloropropane	47		"	50.0		93.8	82-117		2.50	30	
1,2,4-Trichlorobenzene	55		"	50.0		110	69-135		1.05	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.8	82-116		2.66	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		110	72-131		7.59	30	
1,2-Dibromoethane	49		"	50.0		98.8	86-114		1.13	30	
1,2-Dichlorobenzene	47		"	50.0		93.8	85-114		0.553	30	
1,2-Dichloroethane	46		"	50.0		92.3	72-136		5.99	30	
1,2-Dichloropropane	47		"	50.0		93.8	79-119		4.44	30	
1,3,5-Trimethylbenzene	46		"	50.0		92.1	86-114		1.77	30	
1,3-Dichlorobenzene	46		"	50.0		91.6	84-114		1.19	30	
1,3-Dichloropropane	48		"	50.0		95.2	82-117		5.30	30	
1,4-Dichlorobenzene	49		"	50.0		97.5	82-116		5.33	30	
1,4-Dioxane	1000		"	1000		103	10-208		9.21	30	
2,2-Dichloropropane	46		"	50.0		91.6	44-148		6.41	30	
2-Butanone	42		"	50.0		84.7	60-129		9.49	30	
2-Chlorotoluene	47		"	50.0		94.0	82-114		4.39	30	
4-Chlorotoluene	46		"	50.0		91.1	82-117		5.11	30	
Acetone	28		"	50.0		55.5	26-119		26.0	30	
Benzene	47		"	50.0		94.0	81-117		2.62	30	
Bromobenzene	48		"	50.0		95.6	85-114		4.43	30	
Bromochloromethane	47		"	50.0		93.4	79-118		6.15	30	
Bromodichloromethane	49		"	50.0		97.2	88-123		2.82	30	
Bromoform	50		"	50.0		99.4	85-122		2.94	30	
Bromomethane	30		"	50.0		60.2	43-137		4.38	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
Batch BH31201 - EPA 5035A											
LCS Dup (BH31201-BSD1)								Prepared & Analyzed: 08/26/2013			
Carbon tetrachloride	49		ug/L	50.0		97.2	79-135		0.697	30	
Chlorobenzene	47		"	50.0		94.1	87-112		1.16	30	
Chloroethane	44		"	50.0		87.8	60-132		8.94	30	
Chloroform	47		"	50.0		94.6	80-126		1.91	30	
Chloromethane	36		"	50.0		71.3	36-133		8.12	30	
cis-1,2-Dichloroethylene	47		"	50.0		93.7	80-119		5.80	30	
cis-1,3-Dichloropropylene	51		"	50.0		101	87-125		3.72	30	
Dibromochloromethane	49		"	50.0		98.2	86-128		3.54	30	
Dibromomethane	49		"	50.0		97.9	85-121		0.327	30	
Dichlorodifluoromethane	34		"	50.0		68.2	10-156		5.92	30	
Ethyl Benzene	48		"	50.0		97.0	88-117		2.04	30	
Hexachlorobutadiene	53		"	50.0		106	82-129		4.75	30	
Isopropylbenzene	46		"	50.0		91.9	84-116		2.80	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.1	58-137		8.21	30	
Methylene chloride	44		"	50.0		87.7	47-140		2.00	30	
Naphthalene	58		"	50.0		116	65-143		2.83	30	
n-Butylbenzene	51		"	50.0		101	79-119		1.07	30	
n-Propylbenzene	50		"	50.0		101	82-116		5.06	30	
o-Xylene	48		"	50.0		96.1	88-111		1.53	30	
p- & m- Xylenes	92		"	100		92.4	86-117		1.00	30	
p-Isopropyltoluene	49		"	50.0		98.4	84-120		4.62	30	
sec-Butylbenzene	45		"	50.0		89.1	85-119		3.87	30	
Styrene	48		"	50.0		96.3	85-119		1.99	30	
tert-Butylbenzene	47		"	50.0		94.9	84-119		0.295	30	
Tetrachloroethylene	47		"	50.0		94.0	74-127		0.0213	30	
Toluene	46		"	50.0		92.1	83-114		0.960	30	
trans-1,2-Dichloroethylene	45		"	50.0		89.2	68-131		3.91	30	
trans-1,3-Dichloropropylene	51		"	50.0		102	81-127		0.953	30	
Trichloroethylene	50		"	50.0		101	84-118		3.85	30	
Trichlorofluoromethane	41		"	50.0		81.9	59-148		3.60	30	
Vinyl Chloride	40		"	50.0		80.8	46-133		5.02	30	
Vinyl acetate	14		"	50.0		27.5	10-84		3.92	30	
Surrogate: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*98.9*	*72-137*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*72-138*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.1*	*85-118*				

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

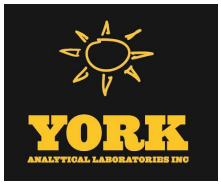
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31201 - EPA 5035A											
Matrix Spike (BH31201-MS1)	*Source sample: 13H0853-06 (SP-3 (12-14))							Prepared & Analyzed: 08/26/2013			
1,1,1,2-Tetrachloroethane	39		ug/L	50.0	ND	79.0	34-152				
1,1,1-Trichloroethane	46		"	50.0	ND	91.6	49-148				
1,1,2,2-Tetrachloroethane	31		"	50.0	ND	61.9	17-159				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0	ND	81.1	32-139				
1,1,2-Trichloroethane	41		"	50.0	ND	81.5	50-139				
1,1-Dichloroethane	41		"	50.0	ND	82.0	54-140				
1,1-Dichloroethylene	37		"	50.0	ND	74.0	32-149				
1,1-Dichloropropylene	35		"	50.0	ND	70.3	41-123				
1,2,3-Trichlorobenzene	13		"	50.0	ND	25.6	10-126				
1,2,3-Trichloropropane	37		"	50.0	ND	74.1	38-147				
1,2,4-Trichlorobenzene	12		"	50.0	ND	23.3	10-121				
1,2,4-Trimethylbenzene	23		"	50.0	ND	46.6	13-136				
1,2-Dibromo-3-chloropropane	34		"	50.0	ND	68.2	10-166				
1,2-Dibromoethane	34		"	50.0	ND	68.1	58-124				
1,2-Dichlorobenzene	19		"	50.0	ND	38.1	20-126				
1,2-Dichloroethane	41		"	50.0	ND	81.1	58-139				
1,2-Dichloropropane	41		"	50.0	ND	82.7	50-142				
1,3,5-Trimethylbenzene	28		"	50.0	ND	55.2	31-128				
1,3-Dichlorobenzene	18		"	50.0	ND	36.6	24-120				
1,3-Dichloropropane	39		"	50.0	ND	78.4	61-124				
1,4-Dichlorobenzene	16		"	50.0	ND	32.5	14-124				
1,4-Dioxane	950		"	1000	ND	95.0	33-178				
2,2-Dichloropropane	25		"	50.0	ND	49.2	10-165				
2-Butanone	26		"	50.0	ND	52.0	37-133				
2-Chlorotoluene	26		"	50.0	ND	51.8	23-130				
4-Chlorotoluene	21		"	50.0	ND	41.9	20-129				
Acetone	28		"	50.0	ND	56.9	17-123				
Benzene	40		"	50.0	ND	79.9	57-128				
Bromobenzene	25		"	50.0	ND	49.0	30-133				
Bromochloromethane	40		"	50.0	ND	80.2	68-120				
Bromodichloromethane	43		"	50.0	ND	85.6	54-144				
Bromoform	37		"	50.0	ND	73.6	36-143				
Bromomethane	22		"	50.0	ND	44.2	23-127				
Carbon tetrachloride	45		"	50.0	ND	89.5	42-146				
Chlorobenzene	28		"	50.0	ND	55.9	39-127				
Chloroethane	39		"	50.0	ND	77.7	52-132				
Chloroform	43		"	50.0	ND	85.8	61-135				
Chloromethane	33		"	50.0	ND	65.1	32-135				
cis-1,2-Dichloroethylene	38		"	50.0	ND	75.1	60-126				
cis-1,3-Dichloropropylene	26		"	50.0	ND	51.1	48-132				
Dibromochloromethane	42		"	50.0	ND	83.1	44-145				
Dibromomethane	38		"	50.0	ND	75.0	67-129				
Dichlorodifluoromethane	33		"	50.0	ND	66.8	10-131				
Ethyl Benzene	32		"	50.0	ND	63.4	37-133				
Hexachlorobutadiene	16		"	50.0	ND	32.6	10-126				
Isopropylbenzene	32		"	50.0	ND	63.6	34-133				
Methyl tert-butyl ether (MTBE)	43		"	50.0	ND	85.5	50-146				
Methylene chloride	36		"	50.0	ND	72.4	21-163				
Naphthalene	8.7		"	50.0	ND	17.4	10-140				
n-Butylbenzene	19		"	50.0	ND	38.8	10-123				
n-Propylbenzene	28		"	50.0	ND	55.6	30-121				

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 BH31201 - EPA 5035A											
Matrix Spike (BH31201-MS1)	*Source sample: 13H0853-06 (SP-3 (12-14))							Prepared & Analyzed: 08/26/2013			
o-Xylene	33		ug/L	50.0	ND	65.6	37-131				
p- & m- Xylenes	59		"	100	ND	59.2	34-131				
p-Isopropyltoluene	26		"	50.0	ND	51.7	19-122				
sec-Butylbenzene	28		"	50.0	ND	56.0	19-133				
Styrene	1.2		"	50.0	ND	2.30	20-138	Low Bias			
tert-Butylbenzene	26		"	50.0	ND	52.9	10-141				
Tetrachloroethylene	53		"	50.0	ND	106	27-163				
Toluene	35		"	50.0	ND	69.4	46-129				
trans-1,2-Dichloroethylene	33		"	50.0	ND	65.9	42-133				
trans-1,3-Dichloropropylene	20		"	50.0	ND	40.4	37-135				
Trichloroethylene	42		"	50.0	ND	84.4	55-135				
Trichlorofluoromethane	40		"	50.0	ND	79.4	40-142				
Vinyl Chloride	34		"	50.0	ND	68.5	30-137				
Vinyl acetate	0.0		"	50.0	ND		10-62	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*72-137*				
Surrogate: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*72-138*				
Surrogate: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-118*				



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

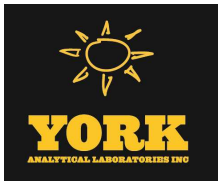
York Analytical Laboratories, Inc.

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

Batch BH31155 - EPA 3545A

Blank (BH31155-BLK1) Prepared: 08/23/2013 Analyzed: 08/26/2013

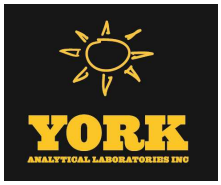
Acenaphthene	ND	250	ug/kg wet
Acenaphthylene	ND	250	"
Aniline	ND	250	"
Anthracene	ND	250	"
Benzo(a)anthracene	ND	250	"
Benzo(a)pyrene	ND	250	"
Benzo(b)fluoranthene	ND	250	"
Benzo(g,h,i)perylene	ND	250	"
Benzyl alcohol	ND	250	"
Benzo(k)fluoranthene	ND	250	"
Benzyl butyl phthalate	ND	250	"
4-Bromophenyl phenyl ether	ND	250	"
4-Chloro-3-methylphenol	ND	250	"
4-Chloroaniline	ND	250	"
Bis(2-chloroethoxy)methane	ND	250	"
Bis(2-chloroethyl)ether	ND	250	"
Bis(2-chloroisopropyl)ether	ND	250	"
Bis(2-ethylhexyl)phthalate	ND	250	"
2-Chloronaphthalene	ND	250	"
2-Chlorophenol	ND	250	"
4-Chlorophenyl phenyl ether	ND	250	"
Chrysene	ND	250	"
Dibenzo(a,h)anthracene	ND	250	"
Dibenzofuran	ND	250	"
Di-n-butyl phthalate	ND	250	"
1,2-Dichlorobenzene	ND	250	"
1,4-Dichlorobenzene	ND	250	"
1,3-Dichlorobenzene	ND	250	"
3,3'-Dichlorobenzidine	ND	500	"
2,4-Dichlorophenol	ND	250	"
Diethyl phthalate	ND	250	"
2,4-Dimethylphenol	ND	250	"
Dimethyl phthalate	ND	250	"
4,6-Dinitro-2-methylphenol	ND	250	"
2-Nitroaniline	ND	250	"
2,4-Dinitrophenol	ND	500	"
2,6-Dinitrotoluene	ND	250	"
2,4-Dinitrotoluene	ND	250	"
Di-n-octyl phthalate	ND	250	"
Fluoranthene	ND	250	"
Fluorene	ND	250	"
Hexachlorobenzene	ND	250	"
Hexachlorobutadiene	ND	250	"
Hexachlorocyclopentadiene	ND	250	"
Hexachloroethane	ND	250	"
Indeno(1,2,3-cd)pyrene	ND	250	"
Isophorone	ND	250	"
2-Methylnaphthalene	ND	250	"
2-Methylphenol	ND	250	"
3- & 4-Methylphenols	ND	250	"
Naphthalene	174	250	"



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

York Analytical Laboratories, Inc.

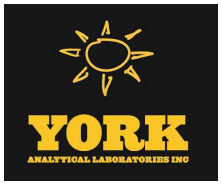
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31155 - EPA 3545A											
Blank (BH31155-BLK1)									Prepared: 08/23/2013 Analyzed: 08/26/2013		
3-Nitroaniline	ND	250	ug/kg wet								
4-Nitroaniline	ND	250	"								
Nitrobenzene	ND	250	"								
4-Nitrophenol	ND	250	"								
2-Nitrophenol	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Pentachlorophenol	ND	250	"								
Phenanthrene	ND	250	"								
Phenol	ND	250	"								
Pyrene	ND	250	"								
Pyridine	ND	250	"								
1,2,4-Trichlorobenzene	ND	250	"								
2,4,5-Trichlorophenol	ND	250	"								
2,4,6-Trichlorophenol	ND	250	"								
Surrogate: 2,4,6-Tribromophenol	*2780*		*"*	*3920*		*70.8*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1880*		*"*	*2500*		*75.3*	*10-111*				
Surrogate: 2-Fluorophenol	*2580*		*"*	*3730*		*69.2*	*10-109*				
Surrogate: Nitrobenzene-d5	*1740*		*"*	*2540*		*68.5*	*10-148*				
Surrogate: Phenol-d5	*3270*		*"*	*3760*		*86.8*	*10-124*				
Surrogate: Terphenyl-d14	*2090*		*"*	*2550*		*81.8*	*10-147*				
LCS (BH31155-BS1)									Prepared: 08/23/2013 Analyzed: 08/26/2013		
Acenaphthene	2000	250	ug/kg wet	2500		80.1	35-127				
Acenaphthylene	2020	250	"	2500		80.9	37-121				
Aniline	1580	250	"	2500		63.3	10-149				
Anthracene	1980	250	"	2500		79.2	38-131				
Benzo(a)anthracene	1580	250	"	2500		63.0	37-137				
Benzo(a)pyrene	2860	250	"	2500		114	33-162				
Benzo(b)fluoranthene	2000	250	"	2500		79.9	26-160				
Benzo(g,h,i)perylene	2920	250	"	2500		117	10-154				
Benzyl alcohol	1190	250	"	2500		47.8	33-124				
Benzo(k)fluoranthene	2980	250	"	2500		119	34-143				
Benzyl butyl phthalate	1790	250	"	2500		71.8	30-143				
4-Bromophenyl phenyl ether	1790	250	"	2500		71.5	35-135				
4-Chloro-3-methylphenol	1690	250	"	2500		67.8	34-133				
4-Chloroaniline	1740	250	"	2500		69.8	17-175				
Bis(2-chloroethoxy)methane	1460	250	"	2500		58.4	31-119				
Bis(2-chloroethyl)ether	1240	250	"	2500		49.4	18-124				
Bis(2-chloroisopropyl)ether	1420	250	"	2500		56.6	10-141				
Bis(2-ethylhexyl)phthalate	1420	250	"	2500		56.8	35-137				
2-Chloronaphthalene	1880	250	"	2500		75.1	34-117				
2-Chlorophenol	1480	250	"	2500		59.4	32-123				
4-Chlorophenyl phenyl ether	1820	250	"	2500		72.6	25-142				
Chrysene	2310	250	"	2500		92.4	38-132				
Dibenzo(a,h)anthracene	2810	250	"	2500		112	14-153				
Dibenzofuran	2090	250	"	2500		83.4	39-123				
Di-n-butyl phthalate	1940	250	"	2500		77.6	35-132				
1,2-Dichlorobenzene	1670	250	"	2500		66.9	22-121				
1,4-Dichlorobenzene	1480	250	"	2500		59.2	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
Batch BH31155 - EPA 3545A											
LCS (BH31155-BS1)								Prepared: 08/23/2013 Analyzed: 08/26/2013			
1,3-Dichlorobenzene	1800	250	ug/kg wet	2500		71.8	22-120				
3,3'-Dichlorobenzidine	1750	500	"	2500		70.1	16-177				
2,4-Dichlorophenol	1560	250	"	2500		62.2	30-134				
Diethyl phthalate	2060	250	"	2500		82.3	41-125				
2,4-Dimethylphenol	1610	250	"	2500		64.3	33-120				
Dimethyl phthalate	1990	250	"	2500		79.6	39-125				
2-Nitroaniline	1770	250	"	2500		70.7	38-130				
4,6-Dinitro-2-methylphenol	ND	250	"	2500			10-165	Low Bias			
2,4-Dinitrophenol	546	500	"	2500		21.8	53-209	Low Bias			
2,6-Dinitrotoluene	1960	250	"	2500		78.3	42-130				
2,4-Dinitrotoluene	2000	250	"	2500		80.1	41-129				
Di-n-octyl phthalate	2510	250	"	2500		100	19-162				
Fluoranthene	1780	250	"	2500		71.1	35-136				
Fluorene	1860	250	"	2500		74.3	33-134				
Hexachlorobenzene	1680	250	"	2500		67.3	31-139				
Hexachlorobutadiene	1690	250	"	2500		67.5	19-137				
Hexachlorocyclopentadiene	478	250	"	2500		19.1	10-145				
Hexachloroethane	1650	250	"	2500		66.1	12-125				
Indeno(1,2,3-cd)pyrene	2920	250	"	2500		117	11-155				
Isophorone	1560	250	"	2500		62.3	30-125				
2-Methylnaphthalene	1720	250	"	2500		68.6	30-125				
2-Methylphenol	1400	250	"	2500		56.0	30-128				
3- & 4-Methylphenols	1220	250	"	2500		49.0	30-120				
Naphthalene	1760	250	"	2500		70.6	28-121				
3-Nitroaniline	2300	250	"	2500		92.0	10-234				
4-Nitroaniline	2000	250	"	2500		79.9	10-208				
Nitrobenzene	1370	250	"	2500		54.7	28-118				
4-Nitrophenol	748	250	"	2500		29.9	10-185				
2-Nitrophenol	1420	250	"	2500		56.8	23-129				
N-nitroso-di-n-propylamine	1380	250	"	2500		55.1	21-136				
N-Nitrosodimethylamine	983	250	"	2500		39.3	10-131				
N-Nitrosodiphenylamine	2280	250	"	2500		91.3	36-163				
Pentachlorophenol	880	250	"	2500		35.2	15-182				
Phenanthrene	1860	250	"	2500		74.3	37-132				
Phenol	1420	250	"	2500		56.8	28-124				
Pyrene	1860	250	"	2500		74.3	30-147				
Pyridine	1280	250	"	2500		51.1	10-113				
1,2,4-Trichlorobenzene	1720	250	"	2500		69.0	22-129				
2,4,5-Trichlorophenol	1710	250	"	2500		68.5	34-126				
2,4,6-Trichlorophenol	1620	250	"	2500		64.6	36-130				
Surrogate: 2,4,6-Tribromophenol	*2920*		*"*	*3920*		*74.4*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1890*		*"*	*2500*		*75.7*	*10-111*				
Surrogate: 2-Fluorophenol	*2020*		*"*	*3730*		*54.2*	*10-109*				
Surrogate: Nitrobenzene-d5	*1400*		*"*	*2540*		*55.0*	*10-148*				
Surrogate: Phenol-d5	*2380*		*"*	*3760*		*63.3*	*10-124*				
Surrogate: Terphenyl-d14	*2010*		*"*	*2550*		*79.0*	*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 BH31155 - EPA 3545A											
LCS Dup (BH31155-BSD1)									Prepared: 08/23/2013 Analyzed: 08/26/2013		
Acenaphthene	1920	250	ug/kg wet	2500		76.7	35-127		4.33	30	
Acenaphthylene	1830	250	"	2500		73.2	37-121		10.0	30	
Aniline	1990	250	"	2500		79.7	10-149		22.9	30	
Anthracene	2000	250	"	2500		80.1	38-131		1.13	30	
Benzo(a)anthracene	1560	250	"	2500		62.2	37-137		1.34	30	
Benzo(a)pyrene	2850	250	"	2500		114	33-162		0.140	30	
Benzo(b)fluoranthene	2170	250	"	2500		86.7	26-160		8.14	30	
Benzo(g,h,i)perylene	2870	250	"	2500		115	10-154		1.49	30	
Benzyl alcohol	1760	250	"	2500		70.3	33-124		38.2	30	Non-dir.
Benzo(k)fluoranthene	2830	250	"	2500		113	34-143		5.03	30	
Benzyl butyl phthalate	1870	250	"	2500		74.9	30-143		4.28	30	
4-Bromophenyl phenyl ether	1960	250	"	2500		78.3	35-135		9.05	30	
4-Chloro-3-methylphenol	1900	250	"	2500		75.9	34-133		11.4	30	
4-Chloroaniline	1920	250	"	2500		76.7	17-175		9.47	30	
Bis(2-chloroethoxy)methane	1670	250	"	2500		66.6	31-119		13.2	30	
Bis(2-chloroethyl)ether	1410	250	"	2500		56.2	18-124		12.9	30	
Bis(2-chloroisopropyl)ether	1750	250	"	2500		69.9	10-141		21.0	30	
Bis(2-ethylhexyl)phthalate	1430	250	"	2500		57.3	35-137		0.771	30	
2-Chloronaphthalene	1760	250	"	2500		70.6	34-117		6.29	30	
2-Chlorophenol	1840	250	"	2500		73.6	32-123		21.3	30	
4-Chlorophenyl phenyl ether	1750	250	"	2500		70.1	25-142		3.50	30	
Chrysene	2400	250	"	2500		95.8	38-132		3.63	30	
Dibenzo(a,h)anthracene	2880	250	"	2500		115	14-153		2.22	30	
Dibenzofuran	2020	250	"	2500		81.0	39-123		2.97	30	
Di-n-butyl phthalate	1990	250	"	2500		79.6	35-132		2.44	30	
1,2-Dichlorobenzene	1850	250	"	2500		73.9	22-121		10.0	30	
1,4-Dichlorobenzene	1740	250	"	2500		69.5	20-122		16.1	30	
1,3-Dichlorobenzene	2040	250	"	2500		81.5	22-120		12.6	30	
3,3'-Dichlorobenzidine	1820	500	"	2500		72.7	16-177		3.70	30	
2,4-Dichlorophenol	1560	250	"	2500		62.3	30-134		0.193	30	
Diethyl phthalate	1990	250	"	2500		79.5	41-125		3.49	30	
2,4-Dimethylphenol	1720	250	"	2500		68.9	33-120		6.96	30	
Dimethyl phthalate	1960	250	"	2500		78.2	39-125		1.75	30	
2-Nitroaniline	1850	250	"	2500		73.8	38-130		4.37	30	
4,6-Dinitro-2-methylphenol	1650	250	"	2500		66.0	10-165		182	30	Non-dir.
2,4-Dinitrophenol	1080	500	"	2500		43.2	53-209	Low Bias	65.7	30	Non-dir.
2,6-Dinitrotoluene	2070	250	"	2500		82.9	42-130		5.68	30	
2,4-Dinitrotoluene	2030	250	"	2500		81.2	41-129		1.36	30	
Di-n-octyl phthalate	2470	250	"	2500		98.7	19-162		1.79	30	
Fluoranthene	1850	250	"	2500		74.1	35-136		4.13	30	
Fluorene	1830	250	"	2500		73.0	33-134		1.74	30	
Hexachlorobenzene	1830	250	"	2500		73.2	31-139		8.34	30	
Hexachlorobutadiene	1870	250	"	2500		74.9	19-137		10.3	30	
Hexachlorocyclopentadiene	558	250	"	2500		22.3	10-145		15.3	30	
Hexachloroethane	1870	250	"	2500		75.0	12-125		12.5	30	
Indeno(1,2,3-cd)pyrene	3000	250	"	2500		120	11-155		2.84	30	
Isophorone	1750	250	"	2500		70.1	30-125		11.9	30	
2-Methylnaphthalene	1960	250	"	2500		78.3	30-125		13.1	30	
2-Methylphenol	1790	250	"	2500		71.6	30-128		24.5	30	
3- & 4-Methylphenols	1560	250	"	2500		62.2	30-120		23.8	30	
Naphthalene	1810	250	"	2500		72.5	28-121		2.68	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 BH31155 - EPA 3545A											
LCS Dup (BH31155-BSD1)									Prepared: 08/23/2013 Analyzed: 08/26/2013		
3-Nitroaniline	2180	250	ug/kg wet	2500		87.0	10-234		5.59	30	
4-Nitroaniline	2100	250	"	2500		83.8	10-208		4.76	30	
Nitrobenzene	1820	250	"	2500		72.8	28-118		28.3	30	
4-Nitrophenol	1380	250	"	2500		55.3	10-185		59.6	30	Non-dir.
2-Nitrophenol	1560	250	"	2500		62.6	23-129		9.75	30	
N-nitroso-di-n-propylamine	164	250	"	2500		6.58	21-136	Low Bias	157	30	Non-dir.
N-Nitrosodimethylamine	1070	250	"	2500		42.8	10-131		8.57	30	
N-Nitrosodiphenylamine	2260	250	"	2500		90.4	36-163		0.991	30	
Pentachlorophenol	1240	250	"	2500		49.7	15-182		34.2	30	Non-dir.
Phenanthrene	1950	250	"	2500		78.2	37-132		5.06	30	
Phenol	1850	250	"	2500		74.0	28-124		26.4	30	
Pyrene	2000	250	"	2500		80.0	30-147		7.38	30	
Pyridine	1230	250	"	2500		49.2	10-113		3.79	30	
1,2,4-Trichlorobenzene	1840	250	"	2500		73.6	22-129		6.51	30	
2,4,5-Trichlorophenol	1670	250	"	2500		66.6	34-126		2.72	30	
2,4,6-Trichlorophenol	1700	250	"	2500		68.0	36-130		5.07	30	
Surrogate: 2,4,6-Tribromophenol	*3280*		*"*	*3920*		*83.5*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1840*		*"*	*2500*		*73.5*	*10-111*				
Surrogate: 2-Fluorophenol	*2340*		*"*	*3730*		*62.7*	*10-109*				
Surrogate: Nitrobenzene-d5	*1830*		*"*	*2540*		*72.1*	*10-148*				
Surrogate: Phenol-d5	*2870*		*"*	*3760*		*76.2*	*10-124*				
Surrogate: Terphenyl-d14	*2050*		*"*	*2550*		*80.5*	*10-147*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31179 - EPA 3550B											
Blank (BH31179-BLK1)											Prepared: 08/26/2013 Analyzed: 08/27/2013
4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
alpha-Chlordane	ND	0.330	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	*52.7*		*"*	*67.0*		*78.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*47.1*		*"*	*66.7*		*70.6*	*30-150*				
LCS (BH31179-BS1)											Prepared: 08/26/2013 Analyzed: 08/27/2013
4,4'-DDD	24.8	0.330	ug/kg wet	33.3		74.5	40-140				
4,4'-DDE	20.1	0.330	"	33.3		60.2	40-140				
4,4'-DDT	26.5	0.330	"	33.3		79.5	40-140				
Aldrin	21.7	0.330	"	33.3		65.1	40-140				
alpha-BHC	22.3	0.330	"	33.3		67.0	40-140				
beta-BHC	21.7	0.330	"	33.3		65.1	40-140				
gamma-Chlordane	21.2	0.330	"	33.3		63.7	40-140				
delta-BHC	24.0	0.330	"	33.3		72.0	40-140				
Dieldrin	22.4	0.330	"	33.3		67.2	40-140				
Endosulfan I	22.4	0.330	"	33.3		67.2	40-140				
Endosulfan II	22.0	0.330	"	33.3		66.1	40-140				
Endosulfan sulfate	22.3	0.330	"	33.3		67.0	40-140				
Endrin	23.6	0.330	"	33.3		70.8	40-140				
Endrin aldehyde	21.3	0.330	"	33.3		63.9	40-140				
Endrin ketone	21.4	0.330	"	33.3		64.1	40-140				
gamma-BHC (Lindane)	21.9	0.330	"	33.3		65.7	40-140				
Heptachlor	22.6	0.330	"	33.3		67.9	40-140				
Heptachlor epoxide	21.1	0.330	"	33.3		63.3	40-140				
Methoxychlor	27.2	1.65	"	33.3		81.7	40-140				
alpha-Chlordane	21.7	0.330	"	33.3		65.1	40-140				
Surrogate: Decachlorobiphenyl	*51.7*		*"*	*67.0*		*77.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*46.4*		*"*	*66.7*		*69.5*	*30-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31179 - EPA 3550B											
LCS Dup (BH31179-BSD1)									Prepared: 08/26/2013 Analyzed: 08/27/2013		
4,4'-DDD	22.6	0.330	ug/kg wet	33.3		67.9	40-140		9.22	200	
4,4'-DDE	18.1	0.330	"	33.3		54.2	40-140		10.6	200	
4,4'-DDT	25.1	0.330	"	33.3		75.4	40-140		5.30	200	
Aldrin	22.3	0.330	"	33.3		66.9	40-140		2.83	200	
alpha-BHC	24.9	0.330	"	33.3		74.7	40-140		10.8	200	
beta-BHC	23.4	0.330	"	33.3		70.2	40-140		7.55	200	
gamma-Chlordane	17.7	0.330	"	33.3		53.1	40-140		18.1	200	
delta-BHC	26.7	0.330	"	33.3		80.1	40-140		10.6	200	
Dieldrin	20.1	0.330	"	33.3		60.4	40-140		10.6	200	
Endosulfan I	20.8	0.330	"	33.3		62.4	40-140		7.32	200	
Endosulfan II	19.4	0.330	"	33.3		58.1	40-140		12.8	200	
Endosulfan sulfate	18.3	0.330	"	33.3		54.8	40-140		20.0	200	
Endrin	21.3	0.330	"	33.3		64.0	40-140		9.97	200	
Endrin aldehyde	18.8	0.330	"	33.3		56.5	40-140		12.3	200	
Endrin ketone	19.3	0.330	"	33.3		57.9	40-140		10.2	200	
gamma-BHC (Lindane)	24.4	0.330	"	33.3		73.1	40-140		10.7	200	
Heptachlor	24.8	0.330	"	33.3		74.4	40-140		9.09	200	
Heptachlor epoxide	19.8	0.330	"	33.3		59.5	40-140		6.28	200	
Methoxychlor	26.0	1.65	"	33.3		78.1	40-140		4.52	200	
alpha-Chlordane	18.9	0.330	"	33.3		56.7	40-140		13.8	200	
Surrogate: Decachlorobiphenyl	*44.0*		*"*	*67.0*		*65.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*47.9*		*"*	*66.7*		*71.9*	*30-150*				

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium 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 BH31179 - EPA 3550B											
Blank (BH31179-BLK1)											Prepared: 08/26/2013 Analyzed: 08/27/2013
Aroclor 1016	ND	0.0170	mg/kg wet								
Aroclor 1221	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1260	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
Surrogate: Tetrachloro-m-xylene	*0.0487*		*"*	*0.0667*		*73.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0397*		*"*	*0.0670*		*59.2*	*30-150*				
LCS (BH31179-BS2)											Prepared: 08/26/2013 Analyzed: 08/27/2013
Aroclor 1016	0.261	0.0170	mg/kg wet	0.333		78.3	40-140				
Aroclor 1260	0.260	0.0170	"	0.333		78.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0467*		*"*	*0.0667*		*70.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0670*		*61.7*	*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
Batch BH31163 - EPA 3050B											
Blank (BH31163-BLK1)											Prepared & Analyzed: 08/23/2013
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	"								
Reference (BH31163-SRM1)											Prepared & Analyzed: 08/23/2013
Aluminum	8090	1.00	mg/kg wet	9060		89.3	42.6-157				
Antimony	127	0.500	"	106		120	23.1-256				
Arsenic	176	1.00	"	182		96.9	70.9-130				
Barium	133	1.00	"	143		93.3	72.7-128				
Beryllium	91.2	0.100	"	98.3		92.8	74.6-125				
Cadmium	53.5	0.300	"	60.4		88.6	73.2-129				
Calcium	5740	5.00	"	6040		95.1	73.7-126				
Chromium	113	0.500	"	125		90.4	69.8-130				
Cobalt	155	0.500	"	163		94.9	74.2-125				
Copper	78.0	0.500	"	80.1		97.4	73.7-130				
Iron	12600	2.00	"	12900		97.7	32.3-168				
Lead	125	0.300	"	136		91.9	73.1-127				
Magnesium	2430	5.00	"	2640		92.0	64-136				
Manganese	274	0.500	"	279		98.1	74.2-126				
Nickel	132	0.500	"	128		103	73.1-130				
Potassium	2560	5.00	"	2820		90.7	62.1-138				
Selenium	85.3	1.00	"	85.9		99.3	63.9-136				
Silver	53.4	0.500	"	61.3		87.1	66.9-133				
Sodium	606	10.0	"	439		138	48.3-152				
Thallium	133	1.00	"	144		92.1	68.3-132				
Vanadium	96.2	1.00	"	104		92.5	66-134				
Zinc	184	1.00	"	204		90.4	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 BH31263 - EPA 7473 soil											
Blank (BH31263-BLK1)									Prepared & Analyzed: 08/27/2013		
Mercury	ND	0.000800	mg/kg wet								
Reference (BH31263-SRM1)									Prepared & Analyzed: 08/27/2013		
Mercury	3.19		mg/kg	3.73		85.5	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 BH31235 - EPA SW846-3060											
Blank (BH31235-BLK1)										Prepared: 08/26/2013 Analyzed: 08/27/2013	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH31235-SRM1)										Prepared: 08/26/2013 Analyzed: 08/27/2013	
Chromium, Hexavalent	59.2		mg/L	76.7		77.2	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0853-01	SP-1 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0853-02	SP-1 (12-14)	40mL Vial with Stir Bar-Cool 4° C
13H0853-03	SP-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0853-04	SP-2 (4-6)	40mL Vial with Stir Bar-Cool 4° C
13H0853-05	SP-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0853-06	SP-3 (12-14)	40mL Vial with Stir Bar-Cool 4° C
13H0853-07	SP-4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0853-08	SP-4 (12-14)	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
M-LSRD	Original sample conc <50 X reporting limit.
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.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13A0853

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	130146 - 1926 Longfellow Ave, Bronx, NY	RUSH-Same Day ____
Address: 15 Ocean Ave, 2nd Fl	Name:	Name: Muslima Ward		RUSH-Next Day ____
Brooklyn, NY 11225	Company:	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day ____
Phone.: 718-636-0800	Address:	Address: 77 Arkay Drive, Suite G	5998	RUSH-Three Day ____
Contact: Sasha Rothenberg		Hauppauge, NY 11788		RUSH-Four Day ____
E-mail: srothenberg@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvironmental.com	Samples from CT__NY_x_NJ__	Standard (5-7day) X

Report/Deliverable Type	
Summary Report	X
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel *compared to:* NYSDEC Part 375 Unrestricted SCO - 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)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-1(0-2)	8/20/2013	S	EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent	8 oz and terracore sets
SP-1 (12-14)	8/20/2013	S	"	"
SP-2 (0-2)	8/20/2013	S	"	"
SP-2 (4-6)	8/20/2013	S	"	"
SP-3 (0-2)	8/20/2013	S	"	"
SP-3 (12-14)	8/20/2013	S	"	"
SP-4 (0-2)	8/20/2013	S	"	"
SP-4 (12-14)	8/20/2013	S	"	"

Comments:

E Designation

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

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
J Martins	8/22/13		8/22/13 0:53
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Eschreck	8/22/13

Temperature on Receipt 4.1 °C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 08/30/2013
Client Project ID: 130146-1926 Longfellow Ave, Bronx, NY
York Project (SDG) No.: 13H0941

Report Date: 08/30/2013
Client Project ID: 130146-1926 Longfellow Ave, Bronx, NY
York Project (SDG) No.: 13H0941

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 26, 2013 and listed below. The project was identified as your project: **130146-1926 Longfellow Ave, Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H0941-01	MW-1	Water	08/23/2013	08/26/2013
13H0941-02	MW-2	Water	08/23/2013	08/26/2013

General Notes for York Project (SDG) No.: 13H0941

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

Approved By: 

Date: 08/30/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 14:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
78-93-3	2-Butanone	**2.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
67-64-1	Acetone	**16**		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 14:20	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*99.0 %*	*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	2.02	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
208-96-8	Acenaphthylene	ND		ug/L	1.99	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
62-53-3	Aniline	ND		ug/L	1.71	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
120-12-7	Anthracene	ND		ug/L	1.36	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	1.50	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
50-32-8	Benzo(a)pyrene	ND		ug/L	1.49	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.61	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.66	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.95	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.09	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.974	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.52	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.16	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
106-47-8	4-Chloroaniline	ND		ug/L	3.41	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.02	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.71	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.42	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
117-81-7	Bis(2-ethylhexyl)phthalate	**5.50**	J	ug/L	5.46	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	2.51	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
95-57-8	2-Chlorophenol	ND		ug/L	2.05	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.80	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
218-01-9	Chrysene	ND		ug/L	1.68	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.78	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
132-64-9	Dibenzofuran	ND		ug/L	2.75	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.34	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.85	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.98	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.53	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.45	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.16	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
84-66-2	Diethyl phthalate	ND		ug/L	2.93	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.83	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
131-11-3	Dimethyl phthalate	ND		ug/L	2.18	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.85	11.4	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.57	11.4	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.84	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.84	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.28	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
206-44-0	Fluoranthene	ND		ug/L	1.42	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
86-73-7	Fluorene	ND		ug/L	2.09	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
118-74-1	Hexachlorobenzene	ND		ug/L	1.45	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	3.19	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.89	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
67-72-1	Hexachloroethane	ND		ug/L	3.47	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.94	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
78-59-1	Isophorone	ND		ug/L	3.06	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	3.15	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.28	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
95-48-7	2-Methylphenol	ND		ug/L	1.33	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
91-20-3	Naphthalene	ND		ug/L	2.27	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
100-01-6	4-Nitroaniline	ND		ug/L	3.06	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.92	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.92	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
98-95-3	Nitrobenzene	ND		ug/L	1.93	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
100-02-7	4-Nitrophenol	ND		ug/L	1.90	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.93	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.445	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.71	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
87-86-5	Pentachlorophenol	ND		ug/L	1.66	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
85-01-8	Phenanthrene	ND		ug/L	1.57	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
108-95-2	Phenol	ND		ug/L	1.26	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
129-00-0	Pyrene	ND		ug/L	1.98	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
110-86-1	Pyridine	ND		ug/L	4.47	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.82	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.00	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.18	5.71	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 11:33	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*61.9 %*	*17-127*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.6 %*	*14-101*
367-12-4	*Surrogate: 2-Fluorophenol*	*21.6 %*	*10-52*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.3 %*	*12-112*
4165-62-2	*Surrogate: Phenol-d5*	*14.3 %*	*10-117*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.1 %*	*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	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
1024-57-3	Heptachlor epoxide	**0.00464**		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
57-74-9	Chlordane, total	**0.0189**		ug/L	0.00421	0.00421	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
50-29-3	4,4'-DDT	**0.0104**		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
72-55-9	4,4'-DDE	**0.00173**		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:40	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 08:35	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**11.4**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-39-3	Barium	**3.03**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-70-2	Calcium	**275**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-47-3	Chromium	**0.033**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-48-4	Cobalt	**0.016**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-50-8	Copper	**0.029**		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7439-89-6	Iron	**18.5**		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7439-92-1	Lead	**0.598**		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7439-95-4	Magnesium	**39.2**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7439-96-5	Manganese	**0.834**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	**0.028**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-09-7	Potassium	**12.1**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7782-49-2	Selenium	**0.017**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-23-5	Sodium	**242**		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-62-2	Vanadium	**0.041**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	MW
7440-66-6	Zinc	**1.48**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:39	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	08/27/2013 13:16	08/27/2013 16:40	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-39-3	Barium	**0.021**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-70-2	Calcium	**209**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7439-95-4	Magnesium	**31.0**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7439-96-5	Manganese	**0.178**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-09-7	Potassium	**7.48**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7782-49-2	Selenium	**0.019**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-23-5	Sodium	**235**		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW
7440-66-6	Zinc	**0.022**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:40	MW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.05000	0.05000	1	EPA SW846-7473	08/30/2013 07:49	08/30/2013 12:00	AA

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.05000	0.05000	1	EPA SW846-7473	08/28/2013 13:15	08/28/2013 17:43	AAkba

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 11:34	08/30/2013 11:38	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	**0.0330**		mg/L	0.00800	0.0100	1	Calculation	08/30/2013 15:51	08/30/2013 15:58	BGS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 14:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 14:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
67-64-1	Acetone	**8.3**		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 14:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 14:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*91-110*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	1.97	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
208-96-8	Acenaphthylene	ND		ug/L	1.93	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
62-53-3	Aniline	ND		ug/L	1.67	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
120-12-7	Anthracene	ND		ug/L	1.32	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	1.46	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
50-32-8	Benzo(a)pyrene	ND		ug/L	1.44	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.57	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
100-51-6	Benzyl alcohol	ND		ug/L	1.61	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.90	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.03	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.947	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.48	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.10	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
106-47-8	4-Chloroaniline	ND		ug/L	3.31	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.97	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.67	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.32	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
117-81-7	Bis(2-ethylhexyl)phthalate	**6.44**		ug/L	5.31	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	2.44	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
95-57-8	2-Chlorophenol	ND		ug/L	1.99	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.72	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
218-01-9	Chrysene	ND		ug/L	1.63	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.73	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
132-64-9	Dibenzofuran	ND		ug/L	2.68	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.28	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.77	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.90	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.46	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.41	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.10	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
84-66-2	Diethyl phthalate	ND		ug/L	2.84	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.78	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	2.12	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.80	11.1	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	11.1	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.79	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.79	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.24	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
206-44-0	Fluoranthene	ND		ug/L	1.38	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
86-73-7	Fluorene	ND		ug/L	2.03	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
118-74-1	Hexachlorobenzene	ND		ug/L	1.41	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	3.10	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.81	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
67-72-1	Hexachloroethane	ND		ug/L	3.38	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.89	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
78-59-1	Isophorone	ND		ug/L	2.98	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	3.07	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.24	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
95-48-7	2-Methylphenol	ND		ug/L	1.29	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
91-20-3	Naphthalene	ND		ug/L	2.21	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
100-01-6	4-Nitroaniline	ND		ug/L	2.98	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
99-09-2	3-Nitroaniline	ND		ug/L	1.87	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
88-74-4	2-Nitroaniline	ND		ug/L	1.87	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
98-95-3	Nitrobenzene	ND		ug/L	1.88	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
88-75-5	2-Nitrophenol	ND		ug/L	2.62	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
100-02-7	4-Nitrophenol	ND		ug/L	1.84	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.84	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.432	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.56	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
87-86-5	Pentachlorophenol	ND		ug/L	1.61	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
85-01-8	Phenanthrene	ND		ug/L	1.52	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
108-95-2	Phenol	ND		ug/L	1.22	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
129-00-0	Pyrene	ND		ug/L	1.92	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
110-86-1	Pyridine	ND		ug/L	4.34	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	2.74	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.94	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.12	5.56	1	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:05	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*56.0 %*	*17-127*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*43.4 %*	*14-101*
367-12-4	*Surrogate: 2-Fluorophenol*	*19.2 %*	*10-52*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.1 %*	*12-112*
4165-62-2	*Surrogate: Phenol-d5*	*13.2 %*	*10-117*
1718-51-0	*Surrogate: Terphenyl-d14*	*54.7 %*	*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	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
72-43-5	Methoxychlor	ND		ug/L	0.00556	0.00556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
1024-57-3	Heptachlor epoxide	**0.00827**		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
76-44-8	Heptachlor	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
72-20-8	Endrin	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
959-98-8	Endosulfan I	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
60-57-1	Dieldrin	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
319-86-8	delta-BHC	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
57-74-9	Chlordane, total	**0.0244**		ug/L	0.00444	0.00444	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
319-85-7	beta-BHC	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
319-84-6	alpha-BHC	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
309-00-2	Aldrin	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
50-29-3	4,4'-DDT	**0.0162**		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
72-55-9	4,4'-DDE	**0.00708**		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 14:55	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW
1336-36-3	Total PCBs	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:07	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.3 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**0.983**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-39-3	Barium	**0.213**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-70-2	Calcium	**207**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-50-8	Copper	**0.006**		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7439-89-6	Iron	**1.71**		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7439-92-1	Lead	**0.073**		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7439-95-4	Magnesium	**30.4**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7439-96-5	Manganese	**0.233**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-09-7	Potassium	**7.79**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7782-49-2	Selenium	**0.011**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-23-5	Sodium	**230**		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	MW

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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
7440-66-6	Zinc	**0.199**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/27/2013 17:44	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	08/27/2013 13:16	08/27/2013 16:45	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-39-3	Barium	**0.020**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-70-2	Calcium	**225**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7439-95-4	Magnesium	**36.8**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7439-96-5	Manganese	**0.190**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-09-7	Potassium	**8.27**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7782-49-2	Selenium	**0.023**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-23-5	Sodium	**226**		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW
7440-66-6	Zinc	**0.037**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 16:45	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.05000	0.05000	1	EPA SW846-7473	08/30/2013 07:49	08/30/2013 12:00	AA

Mercury by 7473, Dissolved

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

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 13H0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0941	130146-1926 Longfellow Ave, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.05000	0.05000	1	EPA SW846-7473	08/28/2013 13:15	08/28/2013 17:07	AAkba

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 11:34	08/30/2013 11:38	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	ND		mg/L	0.00800	0.0100	1	Calculation	08/30/2013 15:51	08/30/2013 15:58	BGS

Analytical Batch Summary

Batch ID: BH31255 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/27/13
13H0941-02	MW-2	08/27/13
BH31255-BLK2	Blank	08/27/13

Batch ID: BH31284 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/27/13
13H0941-02	MW-2	08/27/13
BH31284-BLK1	Blank	08/27/13
BH31284-SRM1	Reference	08/27/13
BH31284-SRM2	Reference	08/27/13

Batch ID: BH31285 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/27/13
13H0941-02	MW-2	08/27/13
BH31285-BLK1	Blank	08/27/13
BH31285-DUP1	Duplicate	08/27/13
BH31285-MS1	Matrix Spike	08/27/13
BH31285-SRM1	Reference	08/27/13
BH31285-SRM2	Reference	08/27/13

Batch ID: BH31300 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/28/13
13H0941-02	MW-2	08/28/13
BH31300-BLK1	Blank	08/28/13
BH31300-BS1	LCS	08/28/13
BH31300-BS2	LCS	08/28/13
BH31300-BSD1	LCS Dup	08/28/13
BH31300-BSD2	LCS Dup	08/28/13

Batch ID: BH31317 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/28/13
13H0941-02	MW-2	08/28/13
BH31317-BLK1	Blank	08/28/13
BH31317-BS1	LCS	08/28/13
BH31317-BSD1	LCS Dup	08/28/13

Batch ID: BH31332 **Preparation Method:** EPA 7473 water **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/28/13
13H0941-02	MW-2	08/28/13
BH31332-BLK1	Blank	08/28/13
BH31332-DUP1	Duplicate	08/28/13
BH31332-MS1	Matrix Spike	08/28/13
BH31332-SRM1	Reference	08/28/13

Batch ID: BH31426 **Preparation Method:** EPA 7473 water **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/30/13
13H0941-02	MW-2	08/30/13
BH31426-BLK1	Blank	08/30/13
BH31426-SRM1	Reference	08/30/13

Batch ID: BH31452 **Preparation Method:** Analysis Preparation **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/30/13
13H0941-02	MW-2	08/30/13
BH31452-BLK1	Blank	08/30/13
BH31452-BS1	LCS	08/30/13
BH31452-DUP1	Duplicate	08/30/13
BH31452-MS1	Matrix Spike	08/30/13

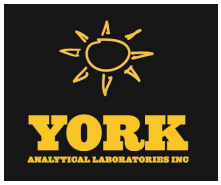
Batch ID: BH31473 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0941-01	MW-1	08/30/13
13H0941-02	MW-2	08/30/13

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
Batch BH31317 - EPA 5030B											
Blank (BH31317-BLK1)											Prepared & Analyzed: 08/28/2013
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

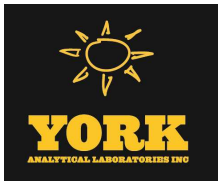
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31317 - EPA 5030B											
Blank (BH31317-BLK1)								Prepared & Analyzed: 08/28/2013			
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	*48.1*		*"*	*50.0*		*96.2*	*78-122*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*87-112*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*91-110*				
LCS (BH31317-BS1)								Prepared & Analyzed: 08/28/2013			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	90-116				
1,1,1-Trichloroethane	53		"	50.0		106	83-125				
1,1,2,2-Tetrachloroethane	48		"	50.0		96.0	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62		"	50.0		123	66-141				
1,1,2-Trichloroethane	48		"	50.0		96.4	83-116				
1,1-Dichloroethane	52		"	50.0		105	82-121				
1,1-Dichloroethylene	56		"	50.0		111	59-135				
1,1-Dichloropropylene	51		"	50.0		102	81-112				
1,2,3-Trichlorobenzene	50		"	50.0		101	74-132				
1,2,3-Trichloropropane	44		"	50.0		88.1	83-118				
1,2,4-Trichlorobenzene	50		"	50.0		99.2	72-133				
1,2,4-Trimethylbenzene	51		"	50.0		103	82-119				
1,2-Dibromo-3-chloropropane	46		"	50.0		92.6	69-134				
1,2-Dibromoethane	48		"	50.0		96.5	85-118				
1,2-Dichlorobenzene	50		"	50.0		101	87-116				
1,2-Dichloroethane	50		"	50.0		101	79-125				
1,2-Dichloropropane	50		"	50.0		101	82-119				
1,3,5-Trimethylbenzene	51		"	50.0		102	84-120				
1,3-Dichlorobenzene	52		"	50.0		104	85-116				
1,3-Dichloropropane	49		"	50.0		98.3	86-114				
1,4-Dichlorobenzene	50		"	50.0		100	84-116				
2,2-Dichloropropane	55		"	50.0		110	56-138				
2-Butanone	46		"	50.0		92.4	59-127				
2-Chlorotoluene	50		"	50.0		100	82-117				
4-Chlorotoluene	50		"	50.0		99.3	84-118				
Acetone	35		"	50.0		70.8	30-112				
Benzene	54		"	50.0		107	88-113				
Bromobenzene	50		"	50.0		99.1	85-117				
Bromochloromethane	52		"	50.0		103	80-120				
Bromodichloromethane	54		"	50.0		107	87-122				
Bromoform	50		"	50.0		99.9	83-127				
Bromomethane	68		"	50.0		136	36-135	High Bias			
Carbon tetrachloride	57		"	50.0		114	82-128				

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 BH31317 - EPA 5030B											
LCS (BH31317-BS1)								Prepared & Analyzed: 08/28/2013			
Chlorobenzene	51		ug/L	50.0		102	90-111				
Chloroethane	64		"	50.0		127	60-132				
Chloroform	53		"	50.0		107	89-116				
Chloromethane	52		"	50.0		104	39-131				
cis-1,2-Dichloroethylene	51		"	50.0		103	90-112				
cis-1,3-Dichloropropylene	55		"	50.0		109	89-124				
Dibromochloromethane	54		"	50.0		108	82-132				
Dibromomethane	50		"	50.0		99.9	83-124				
Dichlorodifluoromethane	41		"	50.0		82.8	10-143				
Ethyl Benzene	54		"	50.0		108	91-117				
Hexachlorobutadiene	52		"	50.0		104	83-129				
Isopropylbenzene	50		"	50.0		101	82-122				
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	59-135				
Methylene chloride	58		"	50.0		117	51-136				
Naphthalene	47		"	50.0		94.4	61-147				
n-Butylbenzene	52		"	50.0		104	79-122				
n-Propylbenzene	51		"	50.0		102	80-123				
o-Xylene	52		"	50.0		104	91-110				
p- & m- Xylenes	110		"	100		106	86-118				
p-Isopropyltoluene	52		"	50.0		105	83-125				
sec-Butylbenzene	53		"	50.0		105	82-127				
Styrene	52		"	50.0		105	88-121				
tert-Butylbenzene	55		"	50.0		110	70-130				
Tetrachloroethylene	45		"	50.0		90.4	67-138				
Toluene	52		"	50.0		103	88-113				
trans-1,2-Dichloroethylene	59		"	50.0		118	73-123				
trans-1,3-Dichloropropylene	52		"	50.0		104	85-123				
Trichloroethylene	51		"	50.0		102	83-120				
Trichlorofluoromethane	54		"	50.0		109	62-138				
Vinyl Chloride	54		"	50.0		108	49-127				
Vinyl acetate	17		"	50.0		33.4	21-90				
Surrogate: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.5*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*87-112*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*91-110*				



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

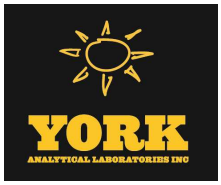
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31317 - EPA 5030B											
LCS Dup (BH31317-BSD1)								Prepared & Analyzed: 08/28/2013			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	90-116		1.00	30	
1,1,1-Trichloroethane	54		"	50.0		108	83-125		2.07	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.7	84-122		2.75	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65		"	50.0		130	66-141		5.05	30	
1,1,2-Trichloroethane	49		"	50.0		98.3	83-116		1.97	30	
1,1-Dichloroethane	38		"	50.0		75.1	82-121	Low Bias	33.1	30	Non-dir.
1,1-Dichloroethylene	58		"	50.0		115	59-135		3.54	30	
1,1-Dichloropropylene	51		"	50.0		103	81-112		0.724	30	
1,2,3-Trichlorobenzene	49		"	50.0		98.3	74-132		2.37	30	
1,2,3-Trichloropropane	46		"	50.0		92.9	83-118		5.37	30	
1,2,4-Trichlorobenzene	50		"	50.0		101	72-133		1.34	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	82-119		2.19	30	
1,2-Dibromo-3-chloropropane	50		"	50.0		99.7	69-134		7.40	30	
1,2-Dibromoethane	47		"	50.0		94.6	85-118		1.93	30	
1,2-Dichlorobenzene	50		"	50.0		99.5	87-116		1.22	30	
1,2-Dichloroethane	51		"	50.0		102	79-125		1.61	30	
1,2-Dichloropropane	49		"	50.0		97.9	82-119		2.96	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	84-120		1.19	30	
1,3-Dichlorobenzene	51		"	50.0		102	85-116		1.69	30	
1,3-Dichloropropane	48		"	50.0		96.6	86-114		1.76	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-116		0.0996	30	
2,2-Dichloropropane	56		"	50.0		111	56-138		1.10	30	
2-Butanone	49		"	50.0		98.1	59-127		5.92	30	
2-Chlorotoluene	51		"	50.0		103	82-117		2.82	30	
4-Chlorotoluene	50		"	50.0		100	84-118		1.20	30	
Acetone	37		"	50.0		73.3	30-112		3.47	30	
Benzene	54		"	50.0		107	88-113		0.130	30	
Bromobenzene	50		"	50.0		99.7	85-117		0.644	30	
Bromochloromethane	51		"	50.0		102	80-120		0.874	30	
Bromodichloromethane	52		"	50.0		105	87-122		2.34	30	
Bromoform	52		"	50.0		103	83-127		3.29	30	
Bromomethane	70		"	50.0		140	36-135	High Bias	3.17	30	
Carbon tetrachloride	57		"	50.0		114	82-128		0.210	30	
Chlorobenzene	51		"	50.0		103	90-111		0.488	30	
Chloroethane	63		"	50.0		126	60-132		0.647	30	
Chloroform	53		"	50.0		106	89-116		0.413	30	
Chloromethane	54		"	50.0		108	39-131		4.39	30	
cis-1,2-Dichloroethylene	52		"	50.0		105	90-112		2.14	30	
cis-1,3-Dichloropropylene	53		"	50.0		105	89-124		4.03	30	
Dibromochloromethane	53		"	50.0		106	82-132		2.11	30	
Dibromomethane	49		"	50.0		97.9	83-124		2.02	30	
Dichlorodifluoromethane	42		"	50.0		84.1	10-143		1.65	30	
Ethyl Benzene	53		"	50.0		107	91-117		1.10	30	
Hexachlorobutadiene	54		"	50.0		107	83-129		2.61	30	
Isopropylbenzene	52		"	50.0		103	82-122		2.14	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		111	59-135		2.97	30	
Methylene chloride	61		"	50.0		122	51-136		4.17	30	
Naphthalene	47		"	50.0		94.8	61-147		0.423	30	
n-Butylbenzene	52		"	50.0		104	79-122		0.0576	30	
n-Propylbenzene	52		"	50.0		103	80-123		1.36	30	
o-Xylene	52		"	50.0		103	91-110		0.944	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
Batch BH31317 - EPA 5030B											
LCS Dup (BH31317-BSD1)								Prepared & Analyzed: 08/28/2013			
p- & m- Xylenes	110		ug/L	100		106	86-118		0.453	30	
p-Isopropyltoluene	52		"	50.0		105	83-125		0.0954	30	
sec-Butylbenzene	52		"	50.0		105	82-127		0.362	30	
Styrene	52		"	50.0		104	88-121		1.05	30	
tert-Butylbenzene	55		"	50.0		109	70-130		0.730	30	
Tetrachloroethylene	48		"	50.0		96.1	67-138		6.16	30	
Toluene	51		"	50.0		103	88-113		0.932	30	
trans-1,2-Dichloroethylene	62		"	50.0		124	73-123	High Bias	5.60	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	85-123		0.192	30	
Trichloroethylene	51		"	50.0		101	83-120		1.08	30	
Trichlorofluoromethane	55		"	50.0		110	62-138		1.35	30	
Vinyl Chloride	55		"	50.0		111	49-127		2.60	30	
Vinyl acetate	9.9		"	50.0		19.8	21-90	Low Bias	51.4	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.9*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*87-112*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*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
Batch BH31255 - EPA 3510C											
Blank (BH31255-BLK2)											
Prepared: 08/27/2013 Analyzed: 08/28/2013											
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
Batch BH31255 - EPA 3510C											
Blank (BH31255-BLK2)											
Prepared: 08/27/2013 Analyzed: 08/28/2013											
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	"								
Surrogate: 2,4,6-Tribromophenol	*46.6*		*"*	*78.4*		*59.5*	*17-127*				
Surrogate: 2-Fluorobiphenyl	*26.1*		*"*	*50.0*		*52.3*	*14-101*				
Surrogate: 2-Fluorophenol	*17.1*		*"*	*74.6*		*23.0*	*10-52*				
Surrogate: Nitrobenzene-d5	*28.4*		*"*	*50.8*		*55.8*	*12-112*				
Surrogate: Phenol-d5	*11.1*		*"*	*75.3*		*14.7*	*10-117*				
Surrogate: Terphenyl-d14	*31.9*		*"*	*51.0*		*62.5*	*10-151*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31300 - EPA SW846-3510C Low Level											
Blank (BH31300-BLK1)								Prepared & Analyzed: 08/28/2013			
Toxaphene	ND	0.0500	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0892*		*"*	*0.200*		*44.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.133*		*"*	*0.201*		*66.2*	*30-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31300 - EPA SW846-3510C Low Level											
LCS (BH31300-BS1)								Prepared & Analyzed: 08/28/2013			
Methoxychlor	0.0746	0.00500	ug/L	0.100		74.6	40-140				
Heptachlor epoxide	0.0507	0.00100	"	0.100		50.7	40-140				
Heptachlor	0.0502	0.00100	"	0.100		50.2	40-140				
gamma-BHC (Lindane)	0.0483	0.00100	"	0.100		48.3	40-140				
Endrin ketone	0.0958	0.00100	"	0.100		95.8	40-140				
Endrin aldehyde	0.0672	0.00100	"	0.100		67.2	40-140				
Endrin	0.0606	0.00100	"	0.100		60.6	40-140				
Endosulfan sulfate	0.0610	0.00100	"	0.100		61.0	40-140				
Endosulfan II	0.0560	0.00100	"	0.100		56.0	40-140				
Endosulfan I	0.0555	0.00100	"	0.100		55.5	40-140				
Dieldrin	0.0548	0.00100	"	0.100		54.8	40-140				
delta-BHC	0.0540	0.00100	"	0.100		54.0	40-140				
beta-BHC	0.0501	0.00100	"	0.100		50.1	40-140				
alpha-BHC	0.0467	0.00100	"	0.100		46.7	40-140				
Aldrin	0.0441	0.00100	"	0.100		44.1	40-140				
4,4'-DDT	0.0759	0.00100	"	0.100		75.9	40-140				
4,4'-DDE	0.0506	0.00100	"	0.100		50.6	40-140				
4,4'-DDD	0.0628	0.00100	"	0.100		62.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0797*		*"*	*0.200*		*39.9*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.139*		*"*	*0.201*		*69.3*	*30-150*				
LCS (BH31300-BS2)								Prepared & Analyzed: 08/28/2013			
Aroclor 1260	0.716	0.0500	ug/L	1.00		71.6	40-140				
Aroclor 1016	0.687	0.0500	"	1.00		68.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0780*		*"*	*0.200*		*39.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.122*		*"*	*0.201*		*60.7*	*30-150*				
LCS Dup (BH31300-BSD1)								Prepared & Analyzed: 08/28/2013			
Methoxychlor	0.0601	0.00500	ug/L	0.100		60.1	40-140		21.6	200	
Heptachlor epoxide	0.0491	0.00100	"	0.100		49.1	40-140		3.15	200	
Heptachlor	0.0501	0.00100	"	0.100		50.1	40-140		0.0598	200	
gamma-BHC (Lindane)	0.0475	0.00100	"	0.100		47.5	40-140		1.74	200	
Endrin ketone	0.0675	0.00100	"	0.100		67.5	40-140		34.6	200	
Endrin aldehyde	0.0587	0.00100	"	0.100		58.7	40-140		13.4	200	
Endrin	0.0568	0.00100	"	0.100		56.8	40-140		6.45	200	
Endosulfan sulfate	0.0533	0.00100	"	0.100		53.3	40-140		13.5	200	
Endosulfan II	0.0511	0.00100	"	0.100		51.1	40-140		9.24	200	
Endosulfan I	0.0531	0.00100	"	0.100		53.1	40-140		4.48	200	
Dieldrin	0.0516	0.00100	"	0.100		51.6	40-140		6.05	200	
delta-BHC	0.0572	0.00100	"	0.100		57.2	40-140		5.78	200	
beta-BHC	0.0492	0.00100	"	0.100		49.2	40-140		1.92	200	
alpha-BHC	0.0457	0.00100	"	0.100		45.7	40-140		2.29	200	
Aldrin	0.0440	0.00100	"	0.100		44.0	40-140		0.0931	200	
4,4'-DDT	0.0656	0.00100	"	0.100		65.6	40-140		14.7	200	
4,4'-DDE	0.0477	0.00100	"	0.100		47.7	40-140		5.85	200	
4,4'-DDD	0.0569	0.00100	"	0.100		56.9	40-140		9.83	200	
Surrogate: Tetrachloro-m-xylene	*0.0784*		*"*	*0.200*		*39.2*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.125*		*"*	*0.201*		*62.3*	*30-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31300 - EPA SW846-3510C Low Level											
LCS Dup (BH31300-BSD2)								Prepared & Analyzed: 08/28/2013			
Aroclor 1260	0.672	0.0500	ug/L	1.00		67.2	40-140		6.34	200	
Aroclor 1016	0.619	0.0500	"	1.00		61.9	40-140		10.4	200	
Surrogate: Tetrachloro-m-xylene	*0.0750*		*"*	*0.200*		*37.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.130*		*"*	*0.201*		*64.7*	*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
Batch BH31284 - EPA 3010A											
Blank (BH31284-BLK1)											Prepared & Analyzed: 08/27/2013
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	"								
Reference (BH31284-SRM1)											Prepared: 08/27/2013 Analyzed: 08/28/2013
Aluminum	ND	0.010	mg/L	0.366			74.9-126	Low Bias			
Antimony	ND	0.005	"	0.102			59.4-125	Low Bias			
Arsenic	ND	0.004	"	0.482			83.8-117	Low Bias			
Barium	ND	0.010	"	1.92			87-113	Low Bias			
Beryllium	ND	0.001	"	0.667			85-113	Low Bias			
Cadmium	ND	0.003	"	0.293			85.3-114	Low Bias			
Chromium	ND	0.005	"	0.276			86.6-113	Low Bias			
Cobalt	ND	0.005	"	0.562			87.9-112	Low Bias			
Copper	ND	0.003	"	0.522			90-110	Low Bias			
Iron	ND	0.020	"	1.39			88.4-113	Low Bias			
Lead	ND	0.003	"	1.48			87.8-111	Low Bias			
Manganese	ND	0.005	"	0.389			89.5-111	Low Bias			
Nickel	ND	0.005	"	1.34			90.3-112	Low Bias			
Selenium	ND	0.010	"	0.541			79.1-116	Low Bias			
Silver	ND	0.005	"	0.359			85.8-114	Low Bias			
Thallium	ND	0.005	"	0.579			81-120	Low Bias			
Vanadium	ND	0.010	"	0.484			87.6-112	Low Bias			
Zinc	ND	0.010	"	1.30			86.2-115	Low Bias			

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31284 - EPA 3010A											
Reference (BH31284-SRM2)								Prepared: 08/27/2013 Analyzed: 08/28/2013			
Calcium	ND	0.050	mg/L	62.7			86-114	Low Bias			
Magnesium	ND	0.050	"	29.0			86.2-114	Low Bias			
Potassium	ND	0.050	"	32.4			85.2-115	Low Bias			
Sodium	ND	0.100	"	85.1			85-115	Low Bias			
Batch BH31285 - EPA 3010A											
Blank (BH31285-BLK1)								Prepared & Analyzed: 08/27/2013			
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	"								

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31285 - EPA 3010A											
Duplicate (BH31285-DUP1)	*Source sample: 13H0941-02 (MW-2)								Prepared & Analyzed: 08/27/2013		
Aluminum - Dissolved	ND	0.010	mg/L		ND					20	
Antimony - Dissolved	ND	0.005	"		ND					20	
Arsenic - Dissolved	ND	0.004	"		ND					20	
Barium - Dissolved	0.020	0.010	"		0.020				1.22	20	
Beryllium - Dissolved	ND	0.001	"		ND					20	
Cadmium - Dissolved	ND	0.003	"		ND					20	
Calcium - Dissolved	223	0.050	"		225				0.779	20	
Chromium - Dissolved	ND	0.005	"		ND					20	
Cobalt - Dissolved	ND	0.005	"		ND					20	
Copper - Dissolved	ND	0.003	"		ND					20	
Iron - Dissolved	ND	0.020	"		ND					20	
Lead - Dissolved	ND	0.003	"		ND					20	
Magnesium - Dissolved	36.5	0.050	"		36.8				0.838	20	
Manganese - Dissolved	0.189	0.005	"		0.190				0.580	20	
Nickel - Dissolved	ND	0.005	"		ND					20	
Potassium - Dissolved	8.17	0.050	"		8.27				1.19	20	
Selenium - Dissolved	0.020	0.010	"		0.023				13.1	20	
Silver - Dissolved	ND	0.005	"		ND					20	
Sodium - Dissolved	224	0.100	"		226				0.825	20	
Thallium - Dissolved	ND	0.005	"		ND					20	
Vanadium - Dissolved	ND	0.010	"		ND					20	
Zinc - Dissolved	0.036	0.010	"		0.037				2.47	20	
Matrix Spike (BH31285-MS1)	*Source sample: 13H0941-02 (MW-2)								Prepared & Analyzed: 08/27/2013		
Antimony - Dissolved	0.258	0.005	mg/L	0.250	ND	103	75-125				
Arsenic - Dissolved	2.22	0.004	"	2.00	ND	111	75-125				
Barium - Dissolved	2.13	0.010	"	2.00	0.020	106	75-125				
Beryllium - Dissolved	0.052	0.001	"	0.0500	ND	104	75-125				
Cadmium - Dissolved	0.049	0.003	"	0.0500	ND	98.4	75-125				
Chromium - Dissolved	0.199	0.005	"	0.200	ND	99.6	75-125				
Cobalt - Dissolved	0.520	0.005	"	0.500	ND	104	75-125				
Copper - Dissolved	0.266	0.003	"	0.250	ND	106	75-125				
Iron - Dissolved	1.04	0.020	"	1.00	ND	104	75-125				
Lead - Dissolved	0.483	0.003	"	0.500	ND	96.7	75-125				
Manganese - Dissolved	0.711	0.005	"	0.500	0.190	104	75-125				
Nickel - Dissolved	0.537	0.005	"	0.500	ND	107	75-125				
Selenium - Dissolved	2.34	0.010	"	2.00	0.023	116	75-125				
Silver - Dissolved	0.048	0.005	"	0.0500	ND	95.7	75-125				
Thallium - Dissolved	1.88	0.005	"	2.00	ND	94.2	75-125				
Vanadium - Dissolved	0.502	0.010	"	0.500	ND	100	75-125				
Zinc - Dissolved	0.550	0.010	"	0.500	0.037	103	75-125				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31285 - EPA 3010A											
Reference (BH31285-SRM1)								Prepared & Analyzed: 08/27/2013			
Aluminum - Dissolved	0.365	0.010	mg/L	0.366		99.7	74.9-126				
Antimony - Dissolved	0.088	0.005	"	0.102		86.4	59.4-125				
Arsenic - Dissolved	0.433	0.004	"	0.482		89.8	83.8-117				
Barium - Dissolved	1.90	0.010	"	1.92		99.2	87-113				
Beryllium - Dissolved	0.624	0.001	"	0.667		93.5	85-113				
Cadmium - Dissolved	0.266	0.003	"	0.293		90.7	85.3-114				
Chromium - Dissolved	0.255	0.005	"	0.276		92.5	86.6-113				
Cobalt - Dissolved	0.551	0.005	"	0.562		98.0	87.9-112				
Copper - Dissolved	0.485	0.003	"	0.522		92.9	90-110				
Iron - Dissolved	1.35	0.020	"	1.39		97.3	88.4-113				
Lead - Dissolved	1.41	0.003	"	1.48		94.9	87.8-111				
Manganese - Dissolved	0.383	0.005	"	0.389		98.5	89.5-111				
Nickel - Dissolved	1.23	0.005	"	1.34		91.7	90.3-112				
Selenium - Dissolved	0.473	0.010	"	0.541		87.4	79.1-116				
Silver - Dissolved	0.325	0.005	"	0.359		90.5	85.8-114				
Thallium - Dissolved	0.554	0.005	"	0.579		95.7	81-120				
Vanadium - Dissolved	0.425	0.010	"	0.484		87.9	87.6-112				
Zinc - Dissolved	1.20	0.010	"	1.30		91.9	86.2-115				
Reference (BH31285-SRM2)								Prepared & Analyzed: 08/27/2013			
Calcium - Dissolved	62.7	0.050	mg/L	62.7		100	86-114				
Magnesium - Dissolved	28.6	0.050	"	29.0		98.7	86.2-114				
Potassium - Dissolved	34.4	0.050	"	32.4		106	85.2-115				
Sodium - Dissolved	84.5	0.100	"	85.1		99.3	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 BH31332 - EPA 7473 water											
Blank (BH31332-BLK1)								Prepared & Analyzed: 08/28/2013			
Mercury - Dissolved	ND	0.05000	ug/L								
Duplicate (BH31332-DUP1)	*Source sample: 13H0941-01 (MW-1)							Prepared & Analyzed: 08/28/2013			
Mercury - Dissolved	ND	0.05000	ug/L		ND					20	
Matrix Spike (BH31332-MS1)	*Source sample: 13H0941-01 (MW-1)							Prepared & Analyzed: 08/28/2013			
Mercury - Dissolved	0.00250		mg/kg	0.00200	ND	125	75-125				
Reference (BH31332-SRM1)								Prepared & Analyzed: 08/28/2013			
Mercury - Dissolved	0.024000		mg/kg	0.0230		104	61.3-135				
Batch BH31426 - EPA 7473 water											
Blank (BH31426-BLK1)								Prepared & Analyzed: 08/30/2013			
Mercury	ND	0.05000	ug/L								
Reference (BH31426-SRM1)								Prepared & Analyzed: 08/30/2013			
Mercury	0.024000		mg/kg	0.0230		104	61.3-135				

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 BH31452 - Analysis Preparation											
Blank (BH31452-BLK1)								Prepared & Analyzed: 08/30/2013			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BH31452-BS1)								Prepared & Analyzed: 08/30/2013			
Chromium, Hexavalent	56.7	1.00	mg/L	50.0		113	80-120				
Duplicate (BH31452-DUP1)	*Source sample: 13H0941-01 (MW-1)							Prepared & Analyzed: 08/30/2013			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BH31452-MS1)	*Source sample: 13H0941-01 (MW-1)							Prepared & Analyzed: 08/30/2013			
Chromium, Hexavalent	0.443	0.0100	mg/L	0.500	ND	88.6	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0941-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13H0941-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
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.

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 submitted samples for Chromium Hexavalent & Trivalent Out of Hold Time - Client did Not submit TP-1 Trip Blank Vials as indicated on Chain-of-Custody - 08/27/2013

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13H0941

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	130146 - 1926 Longfellow Ave, Bronx, NY	RUSH-Same Day
Address: 15 Ocean Ave, 2nd Fl	Name:	Name: Muslima Ward		RUSH-Next Day
Brooklyn, NY 11225	Company:	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day
Phone.: 718-636-0800	Address:	Address: 77 Arkay Drive, Suite G		RUSH-Three Day
Contact: Sasha Rothenberg		Hauppauge, NY 11788	5751	RUSH-Four Day
E-mail: srothenberg@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvironmental.com	Samples from CT__NY_x_NJ__	Standard (5-7day) X

Report/Deliverable Type	
Summary Report	X
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel
compared to:
NYSDEC Groundwater quality standard

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)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furan
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1	8/23/2013	GW	EPA 8260, 8270, 8081/8082, TAL metals (filtered and unfiltered), Chromium hexavalent and trivalent	glass amber, 40 ml vials, 500 and 250 ml plastic
MW-2	x	GW	"	"
TP-1 Trip Blank		GW	8260	40 ml vials

Comments:

E Designation

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 4.2 °C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 08/28/2013
Client Project ID: 130146-1926 Longfellow Ave Bronx, NY
York Project (SDG) No.: 13H0958

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

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

Report Date: 08/28/2013
Client Project ID: 130146-1926 Longfellow Ave Bronx, NY
York Project (SDG) No.: 13H0958

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 26, 2013 and listed below. The project was identified as your project: **130146-1926 Longfellow Ave Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H0958-01	SV-1	Soil Vapor	08/23/2013	08/26/2013
13H0958-02	SV-2	Soil Vapor	08/23/2013	08/26/2013
13H0958-03	SV-3	Soil Vapor	08/23/2013	08/26/2013

General Notes for York Project (SDG) No.: 13H0958

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

Approved By: 

Date: 08/28/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13H0958-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0958	130146-1926 Longfellow Ave Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.3	5.3	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
108-05-4	Vinyl acetate	ND		ug/m³	7.3	7.3	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.6	5.6	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.4	9.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.2	8.2	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
108-88-3	Toluene	**9.3**		ug/m³	7.8	7.8	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	6.1	6.1	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
127-18-4	Tetrachloroethylene	**15**		ug/m³	14	14	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
100-42-5	Styrene	ND		ug/m³	8.8	8.8	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
115-07-01	Propylene	**13**		ug/m³	3.6	3.6	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	51	51	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
95-47-6	o-Xylene	ND		ug/m³	9.0	9.0	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
110-54-3	n-Hexane	**8.0**		ug/m³	7.3	7.3	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
142-82-5	n-Heptane	ND		ug/m³	8.5	8.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-09-2	Methylene chloride	**11**		ug/m³	7.2	7.2	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.4	7.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.5	8.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
67-63-0	Isopropanol	ND		ug/m³	5.1	5.1	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
100-41-4	Ethyl Benzene	ND		ug/m³	9.0	9.0	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.4	7.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
110-82-7	Cyclohexane	ND		ug/m³	7.1	7.1	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.4	9.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.2	8.2	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
67-66-3	Chloroform	ND		ug/m³	10	10	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.5	6.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-15-0	Carbon disulfide	**19**		ug/m³	6.4	6.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
74-83-9	Bromomethane	ND		ug/m³	8.0	8.0	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-25-2	Bromoform	ND		ug/m³	21	21	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13H0958-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0958	130146-1926 Longfellow Ave Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
71-43-2	Benzene	**6.6**		ug/m³	6.6	6.6	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
67-64-1	Acetone	**740**		ug/m³	4.9	4.9	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
591-78-6	2-Hexanone	ND		ug/m³	8.5	8.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
78-93-3	2-Butanone	**45**		ug/m³	6.1	6.1	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.4	7.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
106-99-0	1,3-Butadiene	ND		ug/m³	9.0	9.0	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.6	9.6	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.4	8.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
95-63-6	1,2,4-Trimethylbenzene	**13**		ug/m³	10	10	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.2	8.2	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.4	8.4	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**19**		ug/m³	12	12	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	16	16	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
75-71-8	Dichlorodifluoromethane	**20**		ug/m³	10	10	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.5	8.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB
108-90-7	Chlorobenzene	ND		ug/m³	9.5	9.5	20.32	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:02	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.9 %*	*70-130*

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 13H0958-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0958	130146-1926 Longfellow Ave Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	6.1	6.1	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
108-05-4	Vinyl acetate	ND		ug/m³	8.4	8.4	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
79-01-6	Trichloroethylene	ND		ug/m³	6.4	6.4	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	11	11	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	9.5	9.5	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
108-88-3	Toluene	**12**		ug/m³	9.0	9.0	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
109-99-9	Tetrahydrofuran	**12**		ug/m³	7.1	7.1	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
127-18-4	Tetrachloroethylene	**19**		ug/m³	16	16	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
100-42-5	Styrene	ND		ug/m³	10	10	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
115-07-01	Propylene	**450**		ug/m³	4.1	4.1	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	59	59	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	21	21	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
95-47-6	o-Xylene	ND		ug/m³	10	10	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
110-54-3	n-Hexane	**66**		ug/m³	8.4	8.4	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
142-82-5	n-Heptane	**25**		ug/m³	9.8	9.8	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-09-2	Methylene chloride	**11**		ug/m³	8.3	8.3	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	8.6	8.6	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	9.8	9.8	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
67-63-0	Isopropanol	ND		ug/m³	5.9	5.9	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	26	26	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
100-41-4	Ethyl Benzene	ND		ug/m³	10	10	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
141-78-6	Ethyl acetate	ND		ug/m³	8.6	8.6	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
110-82-7	Cyclohexane	**12**		ug/m³	8.2	8.2	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	11	11	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	9.5	9.5	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
74-87-3	Chloromethane	ND		ug/m³	4.9	4.9	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
67-66-3	Chloroform	ND		ug/m³	12	12	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-00-3	Chloroethane	ND		ug/m³	6.3	6.3	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	7.5	7.5	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-15-0	Carbon disulfide	**210**		ug/m³	7.5	7.5	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
74-83-9	Bromomethane	ND		ug/m³	9.3	9.3	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-25-2	Bromoform	ND		ug/m³	25	25	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-27-4	Bromodichloromethane	ND		ug/m³	15	15	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 13H0958-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0958	130146-1926 Longfellow Ave Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

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
100-44-7	Benzyl chloride	ND		ug/m³	12	12	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
71-43-2	Benzene	**15**		ug/m³	7.7	7.7	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
67-64-1	Acetone	**800**		ug/m³	5.7	5.7	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
591-78-6	2-Hexanone	ND		ug/m³	9.8	9.8	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
78-93-3	2-Butanone	**28**		ug/m³	7.1	7.1	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
123-91-1	1,4-Dioxane	ND		ug/m³	8.6	8.6	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	14	14	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	14	14	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
106-99-0	1,3-Butadiene	ND		ug/m³	10	10	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	12	12	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	17	17	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	11	11	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	9.7	9.7	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	14	14	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	12	12	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	18	18	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	9.5	9.5	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	9.7	9.7	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	13	13	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	13	13	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	18	18	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	16	16	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	13	13	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	12	12	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	18	18	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
124-48-1	Dibromochloromethane	ND		ug/m³	19	19	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	9.8	9.8	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB
108-90-7	Chlorobenzene	ND		ug/m³	11	11	23.55	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 18:41	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*84.2 %*	*70-130*

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 13H0958-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0958	130146-1926 Longfellow Ave Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.6	4.6	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.4	6.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
79-01-6	Trichloroethylene	**46**		ug/m³	4.9	4.9	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.2	8.2	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.2	7.2	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
108-88-3	Toluene	ND		ug/m³	6.8	6.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.3	5.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
127-18-4	Tetrachloroethylene	**23**		ug/m³	12	12	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
100-42-5	Styrene	ND		ug/m³	7.7	7.7	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
115-07-01	Propylene	ND		ug/m³	3.1	3.1	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	44	44	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
95-47-6	o-Xylene	ND		ug/m³	7.8	7.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
110-54-3	n-Hexane	ND		ug/m³	6.4	6.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
142-82-5	n-Heptane	ND		ug/m³	7.4	7.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-09-2	Methylene chloride	**8.8**		ug/m³	6.3	6.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.5	6.5	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.4	7.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
67-63-0	Isopropanol	ND		ug/m³	4.4	4.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
100-41-4	Ethyl Benzene	ND		ug/m³	7.8	7.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.5	6.5	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
110-82-7	Cyclohexane	ND		ug/m³	6.2	6.2	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.2	8.2	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.2	7.2	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
74-87-3	Chloromethane	ND		ug/m³	3.7	3.7	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
67-66-3	Chloroform	ND		ug/m³	8.8	8.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-00-3	Chloroethane	ND		ug/m³	4.8	4.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.7	5.7	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.6	5.6	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
74-83-9	Bromomethane	ND		ug/m³	7.0	7.0	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-25-2	Bromoform	ND		ug/m³	19	19	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 13H0958-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0958	130146-1926 Longfellow Ave Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.3	9.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
71-43-2	Benzene	ND		ug/m³	5.8	5.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
67-64-1	Acetone	**440**		ug/m³	4.3	4.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
591-78-6	2-Hexanone	ND		ug/m³	7.4	7.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
78-93-3	2-Butanone	**18**		ug/m³	5.3	5.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.5	6.5	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
106-99-0	1,3-Butadiene	ND		ug/m³	7.8	7.8	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.9	8.9	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.3	8.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.3	7.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
95-63-6	1,2,4-Trimethylbenzene	**9.8**		ug/m³	8.9	8.9	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.2	7.2	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.3	7.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.9	9.9	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	14	14	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.9	9.9	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
75-71-8	Dichlorodifluoromethane	**11**		ug/m³	8.9	8.9	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.4	7.4	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.3	8.3	17.75	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 19:20	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.5 %*	*70-130*

Analytical Batch Summary

Batch ID: BH31272 **Preparation Method:** EPA TO15 PREP **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
13H0958-01	SV-1	08/27/13
13H0958-02	SV-2	08/27/13
13H0958-03	SV-3	08/27/13
BH31272-BLK1	Blank	08/27/13
BH31272-BS1	LCS	08/27/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31272 - EPA TO15 PREP											
Blank (BH31272-BLK1)											Prepared & Analyzed: 08/27/2013
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31272 - EPA TO15 PREP											
Blank (BH31272-BLK1)								Prepared & Analyzed: 08/27/2013			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*7.77*		*ppbv*	*10.0*		*77.7*	*70-130*				
LCS (BH31272-BS1)								Prepared & Analyzed: 08/27/2013			
Vinyl Chloride	11.0		ppbv	10.5		105	70-130				
Vinyl acetate	12.3		"	10.4		119	58.1-135				
Trichloroethylene	10.9		"	10.6		102	70-130				
trans-1,3-Dichloropropylene	12.2		"	11.5		106	62-135				
trans-1,2-Dichloroethylene	10.7		"	10.3		104	58.3-130				
Toluene	11.4		"	11.0		104	64.9-126				
Tetrahydrofuran	12.4		"	10.8		115	44.6-146				
Tetrachloroethylene	11.3		"	10.8		105	70-130				
Styrene	12.7		"	10.9		117	66.4-132				
Propylene	12.2		"	11.5		106	62.4-150				
p-Ethyltoluene	12.8		"	10.4		124	73.8-146				
p- & m- Xylenes	23.6		"	21.8		108	56.6-136				
o-Xylene	12.0		"	11.0		110	67.8-133				
n-Hexane	11.6		"	10.9		106	59.7-130				
n-Heptane	11.6		"	10.9		106	62.3-134				
Methylene chloride	9.81		"	9.70		101	62.6-130				
Methyl tert-butyl ether (MTBE)	11.7		"	10.3		113	60.7-139				
4-Methyl-2-pentanone	11.7		"	10.6		110	64.5-158				
Isopropanol	13.1		"	10.9		120	60-150				
Hexachlorobutadiene	12.0		"	10.2		117	61.2-150				
Ethyl Benzene	11.7		"	11.0		106	68.4-125				
Ethyl acetate	12.7		"	11.0		116	40.6-150				
Cyclohexane	11.8		"	10.8		109	60.4-127				
cis-1,3-Dichloropropylene	11.5		"	10.9		106	65.5-129				
cis-1,2-Dichloroethylene	10.7		"	10.8		99.4	51.3-118				
Chloromethane	10.2		"	10.3		98.7	64.9-130				
Chloroform	11.1		"	11.0		101	65.1-130				
Chloroethane	10.8		"	10.3		105	52.1-131				
Carbon tetrachloride	10.5		"	10.5		100	70-130				
Carbon disulfide	11.2		"	10.5		106	61.8-111				
Bromomethane	10.5		"	10.5		100	60.1-140				
Bromoform	11.8		"	10.9		109	58.7-150				
Bromodichloromethane	10.6		"	10.6		100	65.3-127				
Benzyl chloride	12.8		"	10.8		119	62.5-150				
Benzene	11.3		"	10.8		105	69.5-130				
Acetone	11.2		"	11.0		102	55.3-133				
2-Hexanone	10.5		"	10.9		96.1	52-150				
2-Butanone	12.5		"	10.9		114	28.5-154				
1,4-Dioxane	13.6		"	10.6		129	50-150				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31272 - EPA TO15 PREP											
LCS (BH31272-BS1)								Prepared & Analyzed: 08/27/2013			
1,4-Dichlorobenzene	12.6		ppbv	10.9		116	62.5-139				
1,3-Dichlorobenzene	12.7		"	10.8		118	71.9-153				
1,3-Butadiene	12.0		"	10.9		110	66.7-127				
1,3,5-Trimethylbenzene	12.6		"	11.0		114	65-152				
1,2-Dichlorotetrafluoroethane	10.6		"	10.5		101	63.3-129				
1,2-Dichloropropane	11.3		"	11.0		103	21.3-152				
1,2-Dichloroethane	10.6		"	10.7		99.0	51.2-124				
1,2-Dichlorobenzene	12.6		"	10.7		118	63.7-148				
1,2,4-Trimethylbenzene	12.9		"	11.0		117	67.9-152				
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	58-147				
1,1-Dichloroethylene	9.90		"	9.60		103	58.1-130				
1,1-Dichloroethane	10.6		"	10.3		103	63.3-130				
Trichlorofluoromethane (Freon 11)	10.1		"	11.0		91.5	56-132				
1,1,2-Trichloroethane	11.6		"	11.0		106	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57		"	9.20		104	60.2-125				
1,1,2,2-Tetrachloroethane	12.4		"	11.0		113	63.7-132				
1,1,1-Trichloroethane	10.5		"	10.5		100	58.2-126				
Dichlorodifluoromethane	10.0		"	10.2		98.3	62.8-133				
1,2-Dibromoethane	11.7		"	11.0		106	70-130				
Dibromochloromethane	11.2		"	10.7		104	70-130				
Methyl Methacrylate	10.7		"	10.7		100	70-130				
Chlorobenzene	11.3		"	11.0		103	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Notes and Definitions

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13H0958

YOUR Information
Company: Hydro Tech
Address: 15 Ocean Ave, 2nd Fl Brooklyn, NY
Phone No. 718-636-0800
Contact Person: Sasha Rotherberg
E-Mail Address: sasha@hydrotechenvironment.com

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

Invoice To:
Company: ~~Hydro~~ Tech Env.
Address: 77 Arlen Drive Hauppauge, NY
Phone No. 631-462-5866
Attention: Mustoma Ward
E-Mail Address: mward@hydrotechenvironment.com

YOUR Project ID
130146-
1926 Longfellow Ave
Bronx, NY

Purchase Order No.
5750

Samples from: CT ___ NY X NJ ___

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

Report Type/Deliverables
- Summary Report X
- Summary w/ QA Summary X
- CT RCP Package
- NY ASP A Package
- NY ASP B/CLP Pkg
- NJDEP Reduced
- *Electronic Deliverables:*
- EDD (Specify Type) X
- Standard Excel
- Regulatory Comparison Excel X

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 Rotherberg
Name (printed)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- Project Specific List by TO-15
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER ___

Detection Limits Required
- ≤ 1 ug/m³ ___
- NYSDEC VI Limits X (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions
NYSDOH Guidance

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1	8/23/13	AS			TO-15	6 Liter Summa canister X / Tedlar Bag
SV-2	8/23/13	AS			TO-15	6 Liter Summa canister X / Tedlar Bag
SV-3	8/23/13	AS			TO-15	6 Liter Summa canister X / Tedlar Bag
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___

Comments
E Designation

Samples Relinquished By — Date/Time: 8/26/13 2:45 pm

Samples Relinquished By — Date/Time

Samples Received By — Date/Time: 8/26/13 12 Noon

Samples Received in LAB by — Date/Time: 8/26/13 - 1750

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 08/28/2013
Client Project ID: 130146-1936 West Farms Road, Bronx, NY
York Project (SDG) No.: 13H0850

Report Date: 08/28/2013
Client Project ID: 130146-1936 West Farms Road, Bronx, NY
York Project (SDG) No.: 13H0850

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 22, 2013 and listed below. The project was identified as your project: **130146-1936 West Farms Road, Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H0850-01	SP-1 (0-2)	Soil	08/20/2013	08/22/2013
13H0850-02	SP-1 (12-14)	Soil	08/20/2013	08/22/2013
13H0850-03	SP-2 (0-2)	Soil	08/20/2013	08/22/2013
13H0850-04	SP-2 (12-14)	Soil	08/20/2013	08/22/2013
13H0850-05	SP-3 (0-2)	Soil	08/20/2013	08/22/2013
13H0850-06	SP-3 (12-14)	Soil	08/20/2013	08/22/2013
13H0850-07	SP-4 (0-2)	Soil	08/21/2013	08/22/2013
13H0850-08	SP-4 (10-12)	Soil	08/21/2013	08/22/2013
13H0850-09	SP-5 (0-2)	Soil	08/21/2013	08/22/2013
13H0850-10	SP-5 (12-14)	Soil	08/21/2013	08/22/2013
13H0850-11	SP-6 (0-2)	Soil	08/21/2013	08/22/2013
13H0850-12	SP-6 (12-14)	Soil	08/21/2013	08/22/2013

General Notes for York Project (SDG) No.: 13H0850

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

Approved By: 

Date: 08/28/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

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

York Sample ID: 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
67-64-1	Acetone	**12**	J	ug/kg dry	3.3	13	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	13	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
91-20-3	Naphthalene	**5.7**	J	ug/kg dry	3.3	13	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
100-42-5	Styrene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	9.9	20	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.3	6.6	1	EPA SW846-8260B	08/23/2013 13:33	08/23/2013 23:53	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
62-53-3	Aniline	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
120-12-7	Anthracene	**797**	J	ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
56-55-3	Benzo(a)anthracene	**1480**	J	ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
50-32-8	Benzo(a)pyrene	**2120**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
205-99-2	Benzo(b)fluoranthene	**1600**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
191-24-2	Benzo(g,h,i)perylene	**1340**	J	ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
207-08-9	Benzo(k)fluoranthene	**2080**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
218-01-9	Chrysene	**2130**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
53-70-3	Dibenzo(a,h)anthracene	**465**	J	ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1550	3100	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1550	3100	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
206-44-0	Fluoranthene	**3680**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
86-73-7	Fluorene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**1290**	J	ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
78-59-1	Isophorone	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
91-20-3	Naphthalene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	781	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
85-01-8	Phenanthrene	**2820**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
108-95-2	Phenol	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
129-00-0	Pyrene	**3060**		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
110-86-1	Pyridine	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	391	1550	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:25	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*62.0 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.1 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*33.2 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*35.9 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*48.4 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.4 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	**2.67**		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
72-55-9	4,4'-DDE	**8.21**		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
50-29-3	4,4'-DDT	**29.2**		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
309-00-2	Aldrin	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
72-20-8	Endrin	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
53494-70-5	Endrin ketone	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.05	2.05	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW
8001-35-2	Toxaphene	ND		ug/kg dry	104	104	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:09	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0211	0.0211	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:18	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.8 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**8510**		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-36-0	Antimony	ND		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-38-2	Arsenic	**6.21**		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-39-3	Barium	**387**		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.124	0.124	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.372	0.372	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW

Sample Information

Client Sample ID: SP-1 (0-2) **York Sample ID:** 13H0850-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-70-2	Calcium	**95000**		mg/kg dry	0.620	6.20	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-47-3	Chromium	**13.0**		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-48-4	Cobalt	**3.23**		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-50-8	Copper	**33.5**		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7439-89-6	Iron	**13400**		mg/kg dry	2.48	2.48	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7439-92-1	Lead	**399**		mg/kg dry	0.372	0.372	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7439-95-4	Magnesium	**5120**		mg/kg dry	6.20	6.20	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7439-96-5	Manganese	**166**		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-02-0	Nickel	**9.28**		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-09-7	Potassium	**1060**		mg/kg dry	6.20	6.20	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7782-49-2	Selenium	**1.76**		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-22-4	Silver	ND		mg/kg dry	0.620	0.620	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-23-5	Sodium	**1200**		mg/kg dry	12.4	12.4	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-28-0	Thallium	ND		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-62-2	Vanadium	**22.4**		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	MW
7440-66-6	Zinc	**399**		mg/kg dry	1.24	1.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:21	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	**0.946**		mg/kg dry	0.000992	0.000992	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 11:00	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	**80.6**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:17	08/27/2013 12:15	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	0.434	0.620	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**13.0**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	6200	12000	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
78-93-3	2-Butanone	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
67-64-1	Acetone	ND		ug/kg dry	310	1200	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
71-43-2	Benzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
108-86-1	Bromobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-25-2	Bromoform	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-00-3	Chloroethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
67-66-3	Chloroform	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
74-87-3	Chloromethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
74-95-3	Dibromomethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-09-2	Methylene chloride	ND		ug/kg dry	310	1200	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
91-20-3	Naphthalene	**6900**		ug/kg dry	310	1200	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
95-47-6	o-Xylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	620	1200	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
100-42-5	Styrene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
108-88-3	Toluene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	940	1900	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	310	620	100	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 00:33	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**8430**	J	ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
62-53-3	Aniline	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
120-12-7	Anthracene	**17600**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
56-55-3	Benzo(a)anthracene	**28400**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
50-32-8	Benzo(a)pyrene	**27500**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
205-99-2	Benzo(b)fluoranthene	**20100**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
191-24-2	Benzo(g,h,i)perylene	**16700**		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
207-08-9	Benzo(k)fluoranthene	**23700**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
218-01-9	Chrysene	**26200**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
53-70-3	Dibenzo(a,h)anthracene	**8400**	J	ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
132-64-9	Dibenzofuran	**5810**	J	ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	14900	29800	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	14900	29800	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
206-44-0	Fluoranthene	**63400**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
86-73-7	Fluorene	**8930**	J	ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**16500**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
78-59-1	Isophorone	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
91-20-3	Naphthalene	**6520**	J	ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	7510	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
85-01-8	Phenanthrene	**60200**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
108-95-2	Phenol	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
129-00-0	Pyrene	**47500**		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
110-86-1	Pyridine	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	3750	14900	50	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:42	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*38.9 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.0 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*24.1 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*1.97 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*32.5 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.4 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	**24.4**		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
72-55-9	4,4'-DDE	**10.3**		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
50-29-3	4,4'-DDT	**29.1**		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
309-00-2	Aldrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
72-20-8	Endrin	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.83	9.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	1.97	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW
8001-35-2	Toxaphene	ND		ug/kg dry	99.5	99.5	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:40	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0203	0.0203	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 16:50	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.3 %*	*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	**9630**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-36-0	Antimony	ND		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-38-2	Arsenic	**4.86**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-39-3	Barium	**432**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-43-9	Cadmium	**0.751**		mg/kg dry	0.357	0.357	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW

Sample Information

Client Sample ID: SP-1 (12-14) **York Sample ID:** 13H0850-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-70-2	Calcium	**66500**		mg/kg dry	0.596	5.96	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-47-3	Chromium	**33.1**		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-48-4	Cobalt	**7.49**		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-50-8	Copper	**45.9**		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7439-89-6	Iron	**20400**		mg/kg dry	2.38	2.38	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7439-92-1	Lead	**194**		mg/kg dry	0.357	0.357	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7439-95-4	Magnesium	**5660**		mg/kg dry	5.96	5.96	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7439-96-5	Manganese	**225**		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-02-0	Nickel	**17.8**		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-09-7	Potassium	**3220**		mg/kg dry	5.96	5.96	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7782-49-2	Selenium	**1.96**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-23-5	Sodium	**839**		mg/kg dry	11.9	11.9	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-62-2	Vanadium	**37.2**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	MW
7440-66-6	Zinc	**540**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:28	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	**1.04**		mg/kg dry	0.000953	0.000953	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:01	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	**83.9**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:17	08/27/2013 12:15	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	0.417	0.596	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**33.1**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	08/23/2013 13:33	08/24/2013 01:13	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
67-64-1	Acetone	**6.6**	J	ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	08/23/2013 13:33	08/24/2013 01:13	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
91-20-3	Naphthalene	**8.1**	J	ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	8.2	16	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:13	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
62-53-3	Aniline	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
120-12-7	Anthracene	**2770**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
56-55-3	Benzo(a)anthracene	**3540**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
50-32-8	Benzo(a)pyrene	**4740**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
205-99-2	Benzo(b)fluoranthene	**3430**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
191-24-2	Benzo(g,h,i)perylene	**2480**		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
207-08-9	Benzo(k)fluoranthene	**3440**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
218-01-9	Chrysene	**4620**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
53-70-3	Dibenzo(a,h)anthracene	**875**	J	ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
132-64-9	Dibenzofuran	**504**	J	ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1420	2830	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1420	2830	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
206-44-0	Fluoranthene	**8970**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
86-73-7	Fluorene	**889**	J	ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**2140**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
78-59-1	Isophorone	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
91-20-3	Naphthalene	**685**	J	ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
86-30-6	N-Nitrosodiphenylamine	**394**	J	ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	714	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
85-01-8	Phenanthrene	**8930**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
108-95-2	Phenol	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
129-00-0	Pyrene	**7840**		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
110-86-1	Pyridine	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	357	1420	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 17:29	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*40.7 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.9 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*29.8 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*15.8 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*42.9 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*77.4 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
72-55-9	4,4'-DDE	**7.38**		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
50-29-3	4,4'-DDT	**11.3**		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	9.35	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	94.6	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 12:55	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0193	0.0193	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:23	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**9840**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-36-0	Antimony	**0.730**		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-38-2	Arsenic	**2.52**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-39-3	Barium	**126**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.340	0.340	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 13H0850-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-70-2	Calcium	**40900**		mg/kg dry	0.566	5.66	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-47-3	Chromium	**20.1**		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-48-4	Cobalt	**8.53**		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-50-8	Copper	**33.9**		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7439-89-6	Iron	**19700**		mg/kg dry	2.27	2.27	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7439-92-1	Lead	**96.8**		mg/kg dry	0.340	0.340	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7439-95-4	Magnesium	**7110**		mg/kg dry	5.66	5.66	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7439-96-5	Manganese	**197**		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-02-0	Nickel	**16.1**		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-09-7	Potassium	**4750**		mg/kg dry	5.66	5.66	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7782-49-2	Selenium	**1.90**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-22-4	Silver	ND		mg/kg dry	0.566	0.566	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-23-5	Sodium	**407**		mg/kg dry	11.3	11.3	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-62-2	Vanadium	**24.8**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	MW
7440-66-6	Zinc	**230**		mg/kg dry	1.13	1.13	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:35	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	**0.421**		mg/kg dry	0.000906	0.000906	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:14	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	**88.3**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.396	0.566	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**20.1**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	08/23/2013 13:33	08/24/2013 01:54	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
67-64-1	Acetone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	08/23/2013 13:33	08/24/2013 01:54	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	08/23/2013 13:33	08/24/2013 01:54	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 01:54	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**798**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
62-53-3	Aniline	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
120-12-7	Anthracene	**1420**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
56-55-3	Benzo(a)anthracene	**1710**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
50-32-8	Benzo(a)pyrene	**2030**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
205-99-2	Benzo(b)fluoranthene	**1960**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
191-24-2	Benzo(g,h,i)perylene	**536**		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
207-08-9	Benzo(k)fluoranthene	**1980**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
218-01-9	Chrysene	**1910**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
53-70-3	Dibenzo(a,h)anthracene	**345**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
132-64-9	Dibenzofuran	**748**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	277	553	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	277	554	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
206-44-0	Fluoranthene	**1610**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
86-73-7	Fluorene	**1150**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**641**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
78-59-1	Isophorone	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
91-57-6	2-Methylnaphthalene	**326**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
91-20-3	Naphthalene	**1060**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	140	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
85-01-8	Phenanthrene	**1510**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
108-95-2	Phenol	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
129-00-0	Pyrene	**1830**		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
110-86-1	Pyridine	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	69.8	277	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 21:40	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*74.0 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.8 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*52.1 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.3 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*55.7 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*72.5 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	**3.53**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
72-55-9	4,4'-DDE	**7.78**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
50-29-3	4,4'-DDT	**28.9**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.14	9.14	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.5	92.5	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:10	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 17:55	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.7 %*	*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	**7040**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-36-0	Antimony	ND		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-38-2	Arsenic	**2.51**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-39-3	Barium	**75.0**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-43-9	Cadmium	**1.21**		mg/kg dry	0.332	0.332	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW

Sample Information

Client Sample ID: SP-2 (12-14) **York Sample ID:** 13H0850-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-70-2	Calcium	**30100**		mg/kg dry	0.554	5.54	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-47-3	Chromium	**20.4**		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-48-4	Cobalt	**6.68**		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-50-8	Copper	**28.4**		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7439-89-6	Iron	**14500**		mg/kg dry	2.22	2.22	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7439-92-1	Lead	**53.0**		mg/kg dry	0.332	0.332	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7439-95-4	Magnesium	**3280**		mg/kg dry	5.54	5.54	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7439-96-5	Manganese	**166**		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-02-0	Nickel	**14.7**		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-09-7	Potassium	**2380**		mg/kg dry	5.54	5.54	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7782-49-2	Selenium	**1.81**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-23-5	Sodium	**436**		mg/kg dry	11.1	11.1	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-62-2	Vanadium	**23.6**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	MW
7440-66-6	Zinc	**683**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:40	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	**0.111**		mg/kg dry	0.000886	0.000886	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:23	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	**90.3**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.388	0.554	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
67-64-1	Acetone	**11**		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
91-20-3	Naphthalene	**50**		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	7.5	15	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 02:34	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**786**	J	ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
62-53-3	Aniline	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
120-12-7	Anthracene	**1790**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
56-55-3	Benzo(a)anthracene	**4630**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
50-32-8	Benzo(a)pyrene	**2810**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
205-99-2	Benzo(b)fluoranthene	**3720**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
191-24-2	Benzo(g,h,i)perylene	**1060**	J	ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
207-08-9	Benzo(k)fluoranthene	**4210**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
218-01-9	Chrysene	**4130**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
132-64-9	Dibenzofuran	**512**	J	ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1360	2710	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1360	2710	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
206-44-0	Fluoranthene	**8980**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
86-73-7	Fluorene	**710**	J	ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**1320**	J	ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
78-59-1	Isophorone	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
91-20-3	Naphthalene	**369**	J	ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 13H0850-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	683	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
85-01-8	Phenanthrene	**6770**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
108-95-2	Phenol	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
129-00-0	Pyrene	**7350**		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
110-86-1	Pyridine	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	342	1360	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:13	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*4.59 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.1 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*36.3 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.9 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*58.8 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*76.2 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
72-55-9	4,4'-DDE	**5.79**		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
50-29-3	4,4'-DDT	**4.21**		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **13H0850-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.95	8.95	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW
8001-35-2	Toxaphene	ND		ug/kg dry	90.6	90.6	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:25	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 18:27	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.7 %*	*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	**5100**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-36-0	Antimony	ND		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-38-2	Arsenic	**3.48**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-39-3	Barium	**57.2**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **13H0850-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-70-2	Calcium	**44200**		mg/kg dry	0.542	5.42	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-47-3	Chromium	**7.77**		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-48-4	Cobalt	**2.51**		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-50-8	Copper	**13.5**		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7439-89-6	Iron	**6060**		mg/kg dry	2.17	2.17	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7439-92-1	Lead	**59.2**		mg/kg dry	0.325	0.325	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7439-95-4	Magnesium	**3400**		mg/kg dry	5.42	5.42	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7439-96-5	Manganese	**99.0**		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-02-0	Nickel	**5.32**		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-09-7	Potassium	**565**		mg/kg dry	5.42	5.42	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-23-5	Sodium	**423**		mg/kg dry	10.8	10.8	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-62-2	Vanadium	**11.2**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	MW
7440-66-6	Zinc	**84.6**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 22:45	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	**0.0874**		mg/kg dry	0.000868	0.000868	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:32	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	**92.2**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.380	0.542	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**7.77**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
67-64-1	Acetone	ND		ug/kg dry	2.0	7.8	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.0	7.8	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.0	7.8	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	5.9	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	3.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:15	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*115 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
62-53-3	Aniline	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
120-12-7	Anthracene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
218-01-9	Chrysene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	274	546	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	274	546	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
206-44-0	Fluoranthene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
86-73-7	Fluorene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
78-59-1	Isophorone	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
91-20-3	Naphthalene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	138	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
85-01-8	Phenanthrene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
108-95-2	Phenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
129-00-0	Pyrene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
110-86-1	Pyridine	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.8	273	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 22:46	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*87.7 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.3 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*74.9 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.7 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*69.5 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.0 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.01	9.01	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW
8001-35-2	Toxaphene	ND		ug/kg dry	91.2	91.2	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 13:40	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:00	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.1 %*	*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	**13800**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-36-0	Antimony	**0.619**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-38-2	Arsenic	**1.70**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-39-3	Barium	**128**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.328	0.328	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-70-2	Calcium	**800**		mg/kg dry	0.546	5.46	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-47-3	Chromium	**29.3**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-48-4	Cobalt	**13.3**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-50-8	Copper	**30.2**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7439-89-6	Iron	**22400**		mg/kg dry	2.19	2.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7439-92-1	Lead	**3.76**		mg/kg dry	0.328	0.328	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7439-95-4	Magnesium	**4600**		mg/kg dry	5.46	5.46	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7439-96-5	Manganese	**632**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-02-0	Nickel	**21.5**		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-09-7	Potassium	**4230**		mg/kg dry	5.46	5.46	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7782-49-2	Selenium	**3.44**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.546	0.546	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-23-5	Sodium	**270**		mg/kg dry	10.9	10.9	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-62-2	Vanadium	**37.7**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	MW
7440-66-6	Zinc	**43.8**		mg/kg dry	1.09	1.09	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:14	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	**0.00251**		mg/kg dry	0.000874	0.000874	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:41	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	**91.5**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	BGS

Sample Information

Client Sample ID: SP-3 (12-14) **York Sample ID:** 13H0850-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 20, 2013 3:00 pm	08/22/2013

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	0.382	0.546	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**29.3**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
67-64-1	Acetone	**15**		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
91-20-3	Naphthalene	**98**		ug/kg dry	2.9	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 03:55	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**6110**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
208-96-8	Acenaphthylene	**439**	J	ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
62-53-3	Aniline	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
120-12-7	Anthracene	**9720**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
56-55-3	Benzo(a)anthracene	**8310**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
50-32-8	Benzo(a)pyrene	**9530**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
205-99-2	Benzo(b)fluoranthene	**10600**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
191-24-2	Benzo(g,h,i)perylene	**5000**		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
207-08-9	Benzo(k)fluoranthene	**7240**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
85-68-7	Benzyl butyl phthalate	**372**	J	ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
117-81-7	Bis(2-ethylhexyl)phthalate	**492**	J	ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
218-01-9	Chrysene	**9970**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
53-70-3	Dibenzo(a,h)anthracene	**739**	J	ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
132-64-9	Dibenzofuran	**3640**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1390	2780	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1390	2780	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
206-44-0	Fluoranthene	**9700**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
86-73-7	Fluorene	**5490**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**5940**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
78-59-1	Isophorone	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
91-57-6	2-Methylnaphthalene	**1310**	J	ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
91-20-3	Naphthalene	**3150**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	700	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
85-01-8	Phenanthrene	**9130**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
108-95-2	Phenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
129-00-0	Pyrene	**9110**		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
110-86-1	Pyridine	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	350	1390	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 23:19	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*69.6 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.5 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*48.4 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.8 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*56.3 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*86.3 %*	*10-147*

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
72-55-9	4,4'-DDE	**7.38**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
50-29-3	4,4'-DDT	**34.2**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
5103-74-2	gamma-Chlordane	**2.01**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.17	9.17	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
5103-71-9	alpha-Chlordane	**1.96**		ug/kg dry	1.83	1.83	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.8	92.8	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:04	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 19:32	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.1 %*	*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	**11500**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-36-0	Antimony	**0.678**		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-38-2	Arsenic	**6.96**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-39-3	Barium	**183**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.334	0.334	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-70-2	Calcium	**58400**		mg/kg dry	0.556	5.56	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-47-3	Chromium	**15.6**		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-48-4	Cobalt	**4.48**		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-50-8	Copper	**73.3**		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7439-89-6	Iron	**11100**		mg/kg dry	2.22	2.22	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7439-92-1	Lead	**88.9**		mg/kg dry	0.334	0.334	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7439-95-4	Magnesium	**6730**		mg/kg dry	5.56	5.56	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7439-96-5	Manganese	**345**		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-02-0	Nickel	**11.7**		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-09-7	Potassium	**1480**		mg/kg dry	5.56	5.56	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.556	0.556	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-23-5	Sodium	**1210**		mg/kg dry	11.1	11.1	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-62-2	Vanadium	**32.3**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW
7440-66-6	Zinc	**138**		mg/kg dry	1.11	1.11	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:19	MW

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 13H0850-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	**0.114**		mg/kg dry	0.000889	0.000889	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:50	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	**89.9**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.389	0.556	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**15.6**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
67-64-1	Acetone	**6.4**	J	ug/kg dry	2.3	9.1	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK

Sample Information

Client Sample ID: **SP-4 (10-12)** **York Sample ID:** **13H0850-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 04:36	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.9 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-118*

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
62-53-3	Aniline	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
120-12-7	Anthracene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
218-01-9	Chrysene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	271	540	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	271	540	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
206-44-0	Fluoranthene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
86-73-7	Fluorene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
77-47-4	Hexachlorocyclopentadiene	**275**		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
78-59-1	Isophorone	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
91-20-3	Naphthalene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	136	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
85-01-8	Phenanthrene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
108-95-2	Phenol	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
129-00-0	Pyrene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
110-86-1	Pyridine	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	68.1	270	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:13	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*103 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*86.4 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*92.8 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.8 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*85.1 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*90.7 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.91	8.91	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
8001-35-2	Toxaphene	ND		ug/kg dry	90.2	90.2	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:19	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:04	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.2 %*	*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	**15100**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-36-0	Antimony	ND		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-38-2	Arsenic	**1.53**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-39-3	Barium	**142**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.324	0.324	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-70-2	Calcium	**1080**		mg/kg dry	0.540	5.40	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-47-3	Chromium	**24.5**		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-48-4	Cobalt	**13.7**		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-50-8	Copper	**31.6**		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7439-89-6	Iron	**23500**		mg/kg dry	2.16	2.16	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7439-92-1	Lead	**4.31**		mg/kg dry	0.324	0.324	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7439-95-4	Magnesium	**4750**		mg/kg dry	5.40	5.40	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW

Sample Information

Client Sample ID: SP-4 (10-12) **York Sample ID:** 13H0850-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	**386**		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-02-0	Nickel	**23.0**		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-09-7	Potassium	**5280**		mg/kg dry	5.40	5.40	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7782-49-2	Selenium	**2.73**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-22-4	Silver	ND		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-23-5	Sodium	**244**		mg/kg dry	10.8	10.8	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-62-2	Vanadium	**35.6**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	MW
7440-66-6	Zinc	**47.6**		mg/kg dry	1.08	1.08	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:26	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	**0.00432**		mg/kg dry	0.000864	0.000864	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 12:59	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	**92.6**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.378	0.540	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**24.5**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

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

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
67-64-1	Acetone	**7.1**	J	ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
91-20-3	Naphthalene	**21**		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:16	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*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 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**154**	J	ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
62-53-3	Aniline	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
120-12-7	Anthracene	**1320**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
56-55-3	Benzo(a)anthracene	**967**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
50-32-8	Benzo(a)pyrene	**907**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
205-99-2	Benzo(b)fluoranthene	**731**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
191-24-2	Benzo(g,h,i)perylene	**409**		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
207-08-9	Benzo(k)fluoranthene	**918**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
218-01-9	Chrysene	**919**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
132-64-9	Dibenzofuran	**85.6**	J	ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	277	552	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	277	552	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
206-44-0	Fluoranthene	**1840**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
86-73-7	Fluorene	**152**	J	ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
77-47-4	Hexachlorocyclopentadiene	**280**		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**391**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
78-59-1	Isophorone	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
91-20-3	Naphthalene	**74.6**	J	ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	139	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
85-01-8	Phenanthrene	**1410**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
108-95-2	Phenol	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
129-00-0	Pyrene	**1540**		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
110-86-1	Pyridine	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	69.6	276	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 14:45	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*80.5 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.4 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*68.4 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.2 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*60.9 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.8 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
50-29-3	4,4'-DDT	**2.60**		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.11	9.11	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.2	92.2	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:34	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 20:37	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.7 %*	*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	**11600**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-36-0	Antimony	ND		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-38-2	Arsenic	**3.05**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-39-3	Barium	**69.8**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.331	0.331	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-70-2	Calcium	**4220**		mg/kg dry	0.552	5.52	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW

Sample Information

Client Sample ID: SP-5 (0-2) **York Sample ID:** 13H0850-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
7440-47-3	Chromium	**30.1**		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-48-4	Cobalt	**13.5**		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-50-8	Copper	**15.5**		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7439-89-6	Iron	**23800**		mg/kg dry	2.21	2.21	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7439-92-1	Lead	**23.1**		mg/kg dry	0.331	0.331	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7439-95-4	Magnesium	**5000**		mg/kg dry	5.52	5.52	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7439-96-5	Manganese	**306**		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-02-0	Nickel	**17.4**		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-09-7	Potassium	**5350**		mg/kg dry	5.52	5.52	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7782-49-2	Selenium	**3.26**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-22-4	Silver	ND		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-23-5	Sodium	**228**		mg/kg dry	11.0	11.0	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-62-2	Vanadium	**35.3**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	MW
7440-66-6	Zinc	**56.2**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:31	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	**0.0315**		mg/kg dry	0.000884	0.000884	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 13:08	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	**90.5**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.387	0.552	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**30.1**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
67-64-1	Acetone	**3.8**	J	ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	7.5	15	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 05:57	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*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 3545A

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	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
62-53-3	Aniline	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
120-12-7	Anthracene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
218-01-9	Chrysene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	297	593	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	297	593	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
206-44-0	Fluoranthene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
86-73-7	Fluorene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
77-47-4	Hexachlorocyclopentadiene	**302**		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
78-59-1	Isophorone	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
91-20-3	Naphthalene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	150	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
85-01-8	Phenanthrene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
108-95-2	Phenol	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
129-00-0	Pyrene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
110-86-1	Pyridine	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	74.8	297	1	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 15:18	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*79.3 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.3 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*78.3 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.9 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*67.1 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*75.6 %*	*10-147*

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
309-00-2	Aldrin	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
72-20-8	Endrin	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.79	9.79	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW
8001-35-2	Toxaphene	ND		ug/kg dry	99.1	99.1	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 14:50	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0202	0.0202	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:09	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.3 %*	*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	**13700**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-36-0	Antimony	ND		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-38-2	Arsenic	**2.89**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-39-3	Barium	**70.8**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-70-2	Calcium	**1290**		mg/kg dry	0.593	5.93	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-47-3	Chromium	**22.5**		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-48-4	Cobalt	**5.52**		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-50-8	Copper	**12.9**		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7439-89-6	Iron	**18200**		mg/kg dry	2.37	2.37	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7439-92-1	Lead	**6.66**		mg/kg dry	0.356	0.356	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7439-95-4	Magnesium	**2960**		mg/kg dry	5.93	5.93	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7439-96-5	Manganese	**177**		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-02-0	Nickel	**13.0**		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-09-7	Potassium	**875**		mg/kg dry	5.93	5.93	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7782-49-2	Selenium	**2.20**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-22-4	Silver	ND		mg/kg dry	0.593	0.593	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-23-5	Sodium	**216**		mg/kg dry	11.9	11.9	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-62-2	Vanadium	**28.2**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	MW
7440-66-6	Zinc	**32.4**		mg/kg dry	1.19	1.19	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:35	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	**0.0211**		mg/kg dry	0.000949	0.000949	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 13:16	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	**84.3**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	BGS

Sample Information

Client Sample ID: SP-5 (12-14) **York Sample ID:** 13H0850-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	0.415	0.593	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**22.5**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
67-64-1	Acetone	**15**		ug/kg dry	3.1	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
108-86-1	Bromobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3.1	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
91-20-3	Naphthalene	**51**		ug/kg dry	3.1	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 06:37	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.7 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**21000**	J	ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
62-53-3	Aniline	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
120-12-7	Anthracene	**37800**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
56-55-3	Benzo(a)anthracene	**63500**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
50-32-8	Benzo(a)pyrene	**59100**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
205-99-2	Benzo(b)fluoranthene	**44100**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
191-24-2	Benzo(g,h,i)perylene	**27600**	J	ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
207-08-9	Benzo(k)fluoranthene	**53300**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB

Sample Information

Client Sample ID: **SP-6 (0-2)** **York Sample ID:** **13H0850-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
218-01-9	Chrysene	**58500**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
132-64-9	Dibenzofuran	**13500**	J	ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	28000	55800	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
88-74-4	2-Nitroaniline	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	28000	55900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
206-44-0	Fluoranthene	**137000**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
86-73-7	Fluorene	**19600**	J	ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**26700**	J	ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
78-59-1	Isophorone	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
91-20-3	Naphthalene	**17100**	J	ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	14100	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
85-01-8	Phenanthrene	**132000**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
108-95-2	Phenol	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
129-00-0	Pyrene	**102000**		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
110-86-1	Pyridine	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	7040	27900	100	EPA SW-846 8270C	08/23/2013 14:15	08/28/2013 15:03	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*19.1 %*	*10-142*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*4.00 %*	*10-111*
367-12-4	*Surrogate: 2-Fluorophenol*	*17.4 %*	*10-109*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*17.7 %*	*10-148*
4165-62-2	*Surrogate: Phenol-d5*	*31.9 %*	*10-124*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	*10-147*

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
72-55-9	4,4'-DDE	**6.61**		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
50-29-3	4,4'-DDT	**24.3**		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.22	9.22	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW
8001-35-2	Toxaphene	ND		ug/kg dry	93.3	93.3	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:05	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 21:41	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.7 %*	*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	**6240**		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-36-0	Antimony	ND		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-38-2	Arsenic	**4.96**		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-39-3	Barium	**262**		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.335	0.335	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-70-2	Calcium	**56700**		mg/kg dry	0.559	5.59	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-47-3	Chromium	**9.33**		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-48-4	Cobalt	**4.48**		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-50-8	Copper	**62.3**		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7439-89-6	Iron	**21100**		mg/kg dry	2.24	2.24	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7439-92-1	Lead	**86.0**		mg/kg dry	0.335	0.335	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7439-95-4	Magnesium	**3210**		mg/kg dry	5.59	5.59	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7439-96-5	Manganese	**196**		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-02-0	Nickel	**9.48**		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-09-7	Potassium	**1120**		mg/kg dry	5.59	5.59	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7782-49-2	Selenium	**2.73**		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-23-5	Sodium	**597**		mg/kg dry	11.2	11.2	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-62-2	Vanadium	**19.8**		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW
7440-66-6	Zinc	**246**		mg/kg dry	1.12	1.12	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:40	MW

Sample Information

Client Sample ID: SP-6 (0-2) **York Sample ID:** 13H0850-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	**0.584**		mg/kg dry	0.000894	0.000894	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 13:34	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	**89.5**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.391	0.559	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**9.33**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
67-64-1	Acetone	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
91-20-3	Naphthalene	**7.9**	J	ug/kg dry	2.6	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	08/23/2013 13:33	08/24/2013 07:18	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-118*

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**693**	J	ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
208-96-8	Acenaphthylene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
62-53-3	Aniline	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
120-12-7	Anthracene	**1420**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
56-55-3	Benzo(a)anthracene	**2570**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
50-32-8	Benzo(a)pyrene	**2220**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
205-99-2	Benzo(b)fluoranthene	**2160**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
191-24-2	Benzo(g,h,i)perylene	**1180**	J	ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
100-51-6	Benzyl alcohol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
207-08-9	Benzo(k)fluoranthene	**1960**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
106-47-8	4-Chloroaniline	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
95-57-8	2-Chlorophenol	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
218-01-9	Chrysene	**2290**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
132-64-9	Dibenzofuran	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1380	2750	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
84-66-2	Diethyl phthalate	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
131-11-3	Dimethyl phthalate	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1380	2750	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
206-44-0	Fluoranthene	**5140**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
86-73-7	Fluorene	**654**	J	ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
118-74-1	Hexachlorobenzene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
67-72-1	Hexachloroethane	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
193-39-5	Indeno(1,2,3-cd)pyrene	**1180**	J	ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
78-59-1	Isophorone	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
95-48-7	2-Methylphenol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
91-20-3	Naphthalene	**676**	J	ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
99-09-2	3-Nitroaniline	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
100-01-6	4-Nitroaniline	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
98-95-3	Nitrobenzene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
100-02-7	4-Nitrophenol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
88-75-5	2-Nitrophenol	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
87-86-5	Pentachlorophenol	ND		ug/kg dry	693	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
85-01-8	Phenanthrene	**1570**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
108-95-2	Phenol	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
129-00-0	Pyrene	**4230**		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
110-86-1	Pyridine	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	346	1370	5	EPA SW-846 8270C	08/23/2013 14:15	08/26/2013 16:22	RB
	Surrogate Recoveries	**Result**		**Acceptance Range**							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*80.2 %*		*10-142*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*74.4 %*		*10-111*							
367-12-4	*Surrogate: 2-Fluorophenol*	*62.9 %*		*10-109*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.7 %*		*10-148*							
4165-62-2	*Surrogate: Phenol-d5*	*68.7 %*		*10-124*							
1718-51-0	*Surrogate: Terphenyl-d14*	*78.3 %*		*10-147*							

Pesticides, 8081 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
50-29-3	4,4'-DDT	**3.05**		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.07	9.07	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
8001-35-2	Toxaphene	ND		ug/kg dry	91.8	91.8	5	EPA SW 846-8081B	08/26/2013 07:11	08/27/2013 15:20	JW
	Surrogate Recoveries	**Result**		**Acceptance Range**							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.9 %*		*30-150*							

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

Pesticides, 8081 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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.2 %*			*30-150*						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA SW 846-8082A	08/26/2013 07:11	08/27/2013 22:13	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.7 %*	*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	**10500**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-36-0	Antimony	ND		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-38-2	Arsenic	**2.38**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-39-3	Barium	**79.6**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.330	0.330	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-70-2	Calcium	**2810**		mg/kg dry	0.550	5.50	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-47-3	Chromium	**19.3**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-48-4	Cobalt	**9.38**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-50-8	Copper	**23.8**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7439-89-6	Iron	**16200**		mg/kg dry	2.20	2.20	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7439-92-1	Lead	**11.6**		mg/kg dry	0.330	0.330	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7439-95-4	Magnesium	**3790**		mg/kg dry	5.50	5.50	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7439-96-5	Manganese	**285**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-02-0	Nickel	**19.0**		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-09-7	Potassium	**2390**		mg/kg dry	5.50	5.50	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW

Sample Information

Client Sample ID: SP-6 (12-14) **York Sample ID:** 13H0850-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0850	130146-1936 West Farms Road, Bronx, NY	Soil	August 21, 2013 3:00 pm	08/22/2013

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
7782-49-2	Selenium	**2.34**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-23-5	Sodium	**252**		mg/kg dry	11.0	11.0	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-62-2	Vanadium	**25.4**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	MW
7440-66-6	Zinc	**45.4**		mg/kg dry	1.10	1.10	1	EPA SW846-6010B	08/23/2013 15:04	08/23/2013 23:48	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	**0.0441**		mg/kg dry	0.000880	0.000880	1	EPA SW846-7473	08/27/2013 09:19	08/27/2013 13:47	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	**90.9**		%	0.100	0.100	1	SM 2540G	08/26/2013 15:16	08/27/2013 12:04	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	0.385	0.550	1	SW846-7196A	08/26/2013 16:52	08/27/2013 16:27	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	**19.3**		mg/kg	0.250	0.500	1	CALCULATION	08/28/2013 08:50	08/28/2013 08:52	AD

Analytical Batch Summary

Batch ID: BH31155 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/23/13
13H0850-02	SP-1 (12-14)	08/23/13
13H0850-03	SP-2 (0-2)	08/23/13
13H0850-04	SP-2 (12-14)	08/23/13
13H0850-05	SP-3 (0-2)	08/23/13
13H0850-06	SP-3 (12-14)	08/23/13
13H0850-07	SP-4 (0-2)	08/23/13
13H0850-08	SP-4 (10-12)	08/23/13
13H0850-09	SP-5 (0-2)	08/23/13
13H0850-10	SP-5 (12-14)	08/23/13
13H0850-11	SP-6 (0-2)	08/23/13
13H0850-12	SP-6 (12-14)	08/23/13
BH31155-BLK1	Blank	08/23/13
BH31155-BS1	LCS	08/23/13
BH31155-BSD1	LCS Dup	08/23/13
BH31155-MS1	Matrix Spike	08/23/13

Batch ID: BH31163 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/23/13
13H0850-02	SP-1 (12-14)	08/23/13
13H0850-03	SP-2 (0-2)	08/23/13
13H0850-04	SP-2 (12-14)	08/23/13
13H0850-05	SP-3 (0-2)	08/23/13
13H0850-06	SP-3 (12-14)	08/23/13
13H0850-07	SP-4 (0-2)	08/23/13
13H0850-08	SP-4 (10-12)	08/23/13
13H0850-09	SP-5 (0-2)	08/23/13
13H0850-10	SP-5 (12-14)	08/23/13
13H0850-11	SP-6 (0-2)	08/23/13
13H0850-12	SP-6 (12-14)	08/23/13
BH31163-BLK1	Blank	08/23/13
BH31163-DUP1	Duplicate	08/23/13
BH31163-MS1	Matrix Spike	08/23/13
BH31163-SRM1	Reference	08/23/13

Batch ID: BH31167 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/23/13
13H0850-02	SP-1 (12-14)	08/23/13
13H0850-03	SP-2 (0-2)	08/23/13
13H0850-04	SP-2 (12-14)	08/23/13
13H0850-05	SP-3 (0-2)	08/23/13
13H0850-06	SP-3 (12-14)	08/23/13

13H0850-07	SP-4 (0-2)	08/23/13
13H0850-08	SP-4 (10-12)	08/23/13
13H0850-09	SP-5 (0-2)	08/23/13
13H0850-10	SP-5 (12-14)	08/23/13
13H0850-11	SP-6 (0-2)	08/23/13
13H0850-12	SP-6 (12-14)	08/23/13
BH31167-BLK1	Blank	08/23/13
BH31167-BS1	LCS	08/23/13
BH31167-BSD1	LCS Dup	08/23/13
BH31167-MS1	Matrix Spike	08/23/13

Batch ID: BH31179 **Preparation Method:** EPA 3550B **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/26/13
13H0850-01	SP-1 (0-2)	08/26/13
13H0850-02	SP-1 (12-14)	08/26/13
13H0850-02	SP-1 (12-14)	08/26/13
13H0850-03	SP-2 (0-2)	08/26/13
13H0850-03	SP-2 (0-2)	08/26/13
13H0850-04	SP-2 (12-14)	08/26/13
13H0850-04	SP-2 (12-14)	08/26/13
13H0850-05	SP-3 (0-2)	08/26/13
13H0850-05	SP-3 (0-2)	08/26/13
13H0850-06	SP-3 (12-14)	08/26/13
13H0850-06	SP-3 (12-14)	08/26/13
13H0850-07	SP-4 (0-2)	08/26/13
13H0850-07	SP-4 (0-2)	08/26/13
13H0850-08	SP-4 (10-12)	08/26/13
13H0850-08	SP-4 (10-12)	08/26/13
13H0850-09	SP-5 (0-2)	08/26/13
13H0850-09	SP-5 (0-2)	08/26/13
13H0850-10	SP-5 (12-14)	08/26/13
13H0850-10	SP-5 (12-14)	08/26/13
13H0850-11	SP-6 (0-2)	08/26/13
13H0850-11	SP-6 (0-2)	08/26/13
13H0850-12	SP-6 (12-14)	08/26/13
13H0850-12	SP-6 (12-14)	08/26/13
BH31179-BLK1	Blank	08/26/13
BH31179-BLK1	Blank	08/26/13
BH31179-BS1	LCS	08/26/13
BH31179-BS2	LCS	08/26/13
BH31179-BSD1	LCS Dup	08/26/13
BH31179-MS1	Matrix Spike	08/26/13

Batch ID: BH31222 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-03	SP-2 (0-2)	08/26/13
13H0850-04	SP-2 (12-14)	08/26/13
13H0850-05	SP-3 (0-2)	08/26/13
13H0850-06	SP-3 (12-14)	08/26/13

13H0850-07	SP-4 (0-2)	08/26/13
13H0850-08	SP-4 (10-12)	08/26/13
13H0850-09	SP-5 (0-2)	08/26/13
13H0850-10	SP-5 (12-14)	08/26/13
13H0850-11	SP-6 (0-2)	08/26/13
13H0850-12	SP-6 (12-14)	08/26/13

Batch ID: BH31223 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/26/13
13H0850-02	SP-1 (12-14)	08/26/13

Batch ID: BH31235 **Preparation Method:** EPA SW846-3060 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/26/13
13H0850-02	SP-1 (12-14)	08/26/13
13H0850-03	SP-2 (0-2)	08/26/13
13H0850-04	SP-2 (12-14)	08/26/13
13H0850-05	SP-3 (0-2)	08/26/13
13H0850-06	SP-3 (12-14)	08/26/13
13H0850-07	SP-4 (0-2)	08/26/13
13H0850-08	SP-4 (10-12)	08/26/13
13H0850-09	SP-5 (0-2)	08/26/13
13H0850-10	SP-5 (12-14)	08/26/13
13H0850-11	SP-6 (0-2)	08/26/13
13H0850-12	SP-6 (12-14)	08/26/13
BH31235-BLK1	Blank	08/26/13
BH31235-DUP1	Duplicate	08/26/13
BH31235-MS1	Matrix Spike	08/26/13
BH31235-SRM1	Reference	08/26/13

Batch ID: BH31263 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/27/13
13H0850-02	SP-1 (12-14)	08/27/13
13H0850-03	SP-2 (0-2)	08/27/13
13H0850-04	SP-2 (12-14)	08/27/13
13H0850-05	SP-3 (0-2)	08/27/13
13H0850-06	SP-3 (12-14)	08/27/13
13H0850-07	SP-4 (0-2)	08/27/13
13H0850-08	SP-4 (10-12)	08/27/13
13H0850-09	SP-5 (0-2)	08/27/13
13H0850-10	SP-5 (12-14)	08/27/13
13H0850-11	SP-6 (0-2)	08/27/13
13H0850-12	SP-6 (12-14)	08/27/13
BH31263-BLK1	Blank	08/27/13
BH31263-DUP1	Duplicate	08/27/13
BH31263-MS1	Matrix Spike	08/27/13

BH31263-SRM1	Reference	08/27/13

Batch ID: BH31314 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
13H0850-01	SP-1 (0-2)	08/28/13
13H0850-02	SP-1 (12-14)	08/28/13
13H0850-03	SP-2 (0-2)	08/28/13
13H0850-04	SP-2 (12-14)	08/28/13
13H0850-05	SP-3 (0-2)	08/28/13
13H0850-06	SP-3 (12-14)	08/28/13
13H0850-07	SP-4 (0-2)	08/28/13
13H0850-08	SP-4 (10-12)	08/28/13
13H0850-09	SP-5 (0-2)	08/28/13
13H0850-10	SP-5 (12-14)	08/28/13
13H0850-11	SP-6 (0-2)	08/28/13
13H0850-12	SP-6 (12-14)	08/28/13

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
Batch BH31167 - EPA 5035A											
Blank (BH31167-BLK1)											Prepared & Analyzed: 08/23/2013
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

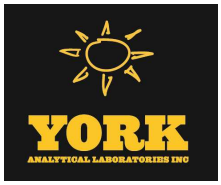
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31167 - EPA 5035A											
Blank (BH31167-BLK1)									Prepared & Analyzed: 08/23/2013		
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	*53.2*		*ug/L*	*50.0*		*106*	*72-137*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.7*	*72-138*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-118*				
LCS (BH31167-BS1)									Prepared & Analyzed: 08/23/2013		
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	91-113				
1,1,1-Trichloroethane	56		"	50.0		111	76-135				
1,1,2,2-Tetrachloroethane	52		"	50.0		104	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	68-144				
1,1,2-Trichloroethane	51		"	50.0		102	82-114				
1,1-Dichloroethane	49		"	50.0		97.4	80-119				
1,1-Dichloroethylene	51		"	50.0		103	58-139				
1,1-Dichloropropylene	49		"	50.0		98.3	75-117				
1,2,3-Trichlorobenzene	50		"	50.0		99.1	72-133				
1,2,3-Trichloropropane	54		"	50.0		107	82-117				
1,2,4-Trichlorobenzene	48		"	50.0		96.7	69-135				
1,2,4-Trimethylbenzene	51		"	50.0		103	82-116				
1,2-Dibromo-3-chloropropane	58		"	50.0		115	72-131				
1,2-Dibromoethane	54		"	50.0		107	86-114				
1,2-Dichlorobenzene	50		"	50.0		99.9	85-114				
1,2-Dichloroethane	54		"	50.0		108	72-136				
1,2-Dichloropropane	50		"	50.0		99.2	79-119				
1,3,5-Trimethylbenzene	50		"	50.0		101	86-114				
1,3-Dichlorobenzene	49		"	50.0		98.8	84-114				
1,3-Dichloropropane	51		"	50.0		101	82-117				
1,4-Dichlorobenzene	49		"	50.0		97.7	82-116				
1,4-Dioxane	1000		"	1000		104	10-208				
2,2-Dichloropropane	52		"	50.0		104	44-148				
2-Butanone	41		"	50.0		81.0	60-129				
2-Chlorotoluene	52		"	50.0		103	82-114				
4-Chlorotoluene	51		"	50.0		101	82-117				
Acetone	35		"	50.0		69.3	26-119				
Benzene	47		"	50.0		93.8	81-117				
Bromobenzene	54		"	50.0		109	85-114				
Bromochloromethane	51		"	50.0		102	79-118				
Bromodichloromethane	55		"	50.0		111	88-123				
Bromoform	51		"	50.0		103	85-122				

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 BH31167 - EPA 5035A											
LCS (BH31167-BS1)								Prepared & Analyzed: 08/23/2013			
Bromomethane	45		ug/L	50.0		90.7	43-137				
Carbon tetrachloride	55		"	50.0		111	79-135				
Chlorobenzene	50		"	50.0		99.8	87-112				
Chloroethane	49		"	50.0		98.1	60-132				
Chloroform	54		"	50.0		109	80-126				
Chloromethane	43		"	50.0		85.8	36-133				
cis-1,2-Dichloroethylene	47		"	50.0		94.6	80-119				
cis-1,3-Dichloropropylene	56		"	50.0		111	87-125				
Dibromochloromethane	56		"	50.0		112	86-128				
Dibromomethane	52		"	50.0		105	85-121				
Dichlorodifluoromethane	44		"	50.0		88.4	10-156				
Ethyl Benzene	52		"	50.0		105	88-117				
Hexachlorobutadiene	55		"	50.0		109	82-129				
Isopropylbenzene	52		"	50.0		103	84-116				
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	58-137				
Methylene chloride	50		"	50.0		99.2	47-140				
Naphthalene	53		"	50.0		106	65-143				
n-Butylbenzene	51		"	50.0		101	79-119				
n-Propylbenzene	50		"	50.0		101	82-116				
o-Xylene	52		"	50.0		104	88-111				
p- & m- Xylenes	110		"	100		107	86-117				
p-Isopropyltoluene	53		"	50.0		105	84-120				
sec-Butylbenzene	52		"	50.0		103	85-119				
Styrene	52		"	50.0		104	85-119				
tert-Butylbenzene	54		"	50.0		107	84-119				
Tetrachloroethylene	55		"	50.0		110	74-127				
Toluene	50		"	50.0		101	83-114				
trans-1,2-Dichloroethylene	51		"	50.0		103	68-131				
trans-1,3-Dichloropropylene	57		"	50.0		114	81-127				
Trichloroethylene	54		"	50.0		108	84-118				
Trichlorofluoromethane	58		"	50.0		117	59-148				
Vinyl Chloride	49		"	50.0		97.1	46-133				
Vinyl acetate	14		"	50.0		27.3	10-84				
Surrogate: 1,2-Dichloroethane-d4	*55.3*		*"*	*50.0*		*111*	*72-137*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*72-138*				
Surrogate: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*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 BH31167 - EPA 5035A											
LCS Dup (BH31167-BSD1)							Prepared & Analyzed: 08/23/2013				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	91-113		3.26	30	
1,1,1-Trichloroethane	55		"	50.0		111	76-135		0.450	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		102	82-119		1.90	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	68-144		3.42	30	
1,1,2-Trichloroethane	52		"	50.0		104	82-114		1.93	30	
1,1-Dichloroethane	49		"	50.0		98.1	80-119		0.716	30	
1,1-Dichloroethylene	52		"	50.0		104	58-139		1.08	30	
1,1-Dichloropropylene	49		"	50.0		98.1	75-117		0.163	30	
1,2,3-Trichlorobenzene	50		"	50.0		101	72-133		1.38	30	
1,2,3-Trichloropropane	55		"	50.0		110	82-117		2.26	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	69-135		7.14	30	
1,2,4-Trimethylbenzene	52		"	50.0		105	82-116		1.79	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		110	72-131		4.81	30	
1,2-Dibromoethane	53		"	50.0		105	86-114		1.54	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-114		1.47	30	
1,2-Dichloroethane	54		"	50.0		108	72-136		0.0928	30	
1,2-Dichloropropane	51		"	50.0		102	79-119		2.98	30	
1,3,5-Trimethylbenzene	51		"	50.0		101	86-114		0.475	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-114		1.65	30	
1,3-Dichloropropane	52		"	50.0		105	82-117		3.37	30	
1,4-Dichlorobenzene	50		"	50.0		99.3	82-116		1.58	30	
1,4-Dioxane	1000		"	1000		103	10-208		1.36	30	
2,2-Dichloropropane	51		"	50.0		102	44-148		1.67	30	
2-Butanone	39		"	50.0		78.0	60-129		3.77	30	
2-Chlorotoluene	53		"	50.0		106	82-114		2.60	30	
4-Chlorotoluene	52		"	50.0		104	82-117		2.17	30	
Acetone	33		"	50.0		65.7	26-119		5.27	30	
Benzene	47		"	50.0		94.5	81-117		0.807	30	
Bromobenzene	54		"	50.0		109	85-114		0.110	30	
Bromochloromethane	51		"	50.0		101	79-118		0.512	30	
Bromodichloromethane	56		"	50.0		112	88-123		0.665	30	
Bromoform	56		"	50.0		113	85-122		9.29	30	
Bromomethane	44		"	50.0		87.1	43-137		4.03	30	
Carbon tetrachloride	56		"	50.0		112	79-135		1.02	30	
Chlorobenzene	51		"	50.0		102	87-112		2.38	30	
Chloroethane	48		"	50.0		95.6	60-132		2.52	30	
Chloroform	54		"	50.0		108	80-126		0.516	30	
Chloromethane	43		"	50.0		86.6	36-133		0.905	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.4	80-119		0.821	30	
cis-1,3-Dichloropropylene	56		"	50.0		113	87-125		1.47	30	
Dibromochloromethane	57		"	50.0		114	86-128		1.38	30	
Dibromomethane	52		"	50.0		104	85-121		0.997	30	
Dichlorodifluoromethane	44		"	50.0		89.0	10-156		0.654	30	
Ethyl Benzene	53		"	50.0		107	88-117		1.78	30	
Hexachlorobutadiene	54		"	50.0		108	82-129		1.59	30	
Isopropylbenzene	51		"	50.0		103	84-116		0.543	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	58-137		2.11	30	
Methylene chloride	48		"	50.0		96.6	47-140		2.68	30	
Naphthalene	51		"	50.0		103	65-143		2.97	30	
n-Butylbenzene	51		"	50.0		102	79-119		0.630	30	
n-Propylbenzene	51		"	50.0		103	82-116		2.06	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
Batch BH31167 - EPA 5035A											
LCS Dup (BH31167-BSD1)								Prepared & Analyzed: 08/23/2013			
o-Xylene	53		ug/L	50.0		106	88-111		1.79	30	
p- & m- Xylenes	110		"	100		107	86-117		0.403	30	
p-Isopropyltoluene	52		"	50.0		103	84-120		2.00	30	
sec-Butylbenzene	52		"	50.0		104	85-119		0.850	30	
Styrene	52		"	50.0		105	85-119		0.997	30	
tert-Butylbenzene	52		"	50.0		105	84-119		2.04	30	
Tetrachloroethylene	55		"	50.0		110	74-127		0.128	30	
Toluene	52		"	50.0		103	83-114		2.30	30	
trans-1,2-Dichloroethylene	51		"	50.0		102	68-131		0.782	30	
trans-1,3-Dichloropropylene	55		"	50.0		110	81-127		3.80	30	
Trichloroethylene	54		"	50.0		108	84-118		0.0927	30	
Trichlorofluoromethane	56		"	50.0		111	59-148		4.63	30	
Vinyl Chloride	46		"	50.0		91.9	46-133		5.48	30	
Vinyl acetate	14		"	50.0		28.1	10-84		2.82	30	
Surrogate: 1,2-Dichloroethane-d4	*55.0*		*"*	*50.0*		*110*	*72-137*				
Surrogate: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*72-138*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-118*				
Matrix Spike (BH31167-MS1)	*Source sample: 13H0850-05 (SP-3 (0-2))							Prepared: 08/23/2013 Analyzed: 08/24/2013			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0	ND	89.2	34-152				
1,1,1-Trichloroethane	52		"	50.0	ND	104	49-148				
1,1,2,2-Tetrachloroethane	1.3		"	50.0	ND	2.62	17-159	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0	ND	88.3	32-139				
1,1,2-Trichloroethane	32		"	50.0	ND	64.8	50-139				
1,1-Dichloroethane	46		"	50.0	ND	91.9	54-140				
1,1-Dichloroethylene	59		"	50.0	ND	118	32-149				
1,1-Dichloropropylene	40		"	50.0	ND	80.4	41-123				
1,2,3-Trichlorobenzene	19		"	50.0	ND	38.5	10-126				
1,2,3-Trichloropropane	49		"	50.0	ND	97.3	38-147				
1,2,4-Trichlorobenzene	18		"	50.0	ND	36.5	10-121				
1,2,4-Trimethylbenzene	32		"	50.0	ND	63.1	13-136				
1,2-Dibromo-3-chloropropane	36		"	50.0	ND	72.3	10-166				
1,2-Dibromoethane	43		"	50.0	ND	86.3	58-124				
1,2-Dichlorobenzene	30		"	50.0	ND	60.6	20-126				
1,2-Dichloroethane	50		"	50.0	ND	100	58-139				
1,2-Dichloropropane	46		"	50.0	ND	92.9	50-142				
1,3,5-Trimethylbenzene	32		"	50.0	ND	64.1	31-128				
1,3-Dichlorobenzene	28		"	50.0	ND	55.1	24-120				
1,3-Dichloropropane	45		"	50.0	ND	89.5	61-124				
1,4-Dichlorobenzene	26		"	50.0	ND	52.3	14-124				
1,4-Dioxane	990		"	1000	ND	99.5	33-178				
2,2-Dichloropropane	45		"	50.0	ND	89.9	10-165				
2-Butanone	42		"	50.0	ND	83.4	37-133				
2-Chlorotoluene	34		"	50.0	ND	67.6	23-130				
4-Chlorotoluene	32		"	50.0	ND	63.4	20-129				
Acetone	37		"	50.0	4.9	64.9	17-123				
Benzene	43		"	50.0	ND	86.8	57-128				
Bromobenzene	37		"	50.0	ND	73.8	30-133				
Bromochloromethane	43		"	50.0	ND	86.5	68-120				
Bromodichloromethane	46		"	50.0	ND	91.6	54-144				
Bromoform	44		"	50.0	ND	87.9	36-143				
Bromomethane	44		"	50.0	ND	88.0	23-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31167 - EPA 5035A											
Matrix Spike (BH31167-MS1)	*Source sample: 13H0850-05 (SP-3 (0-2))							Prepared: 08/23/2013 Analyzed: 08/24/2013			
Carbon tetrachloride	49		ug/L	50.0	ND	98.8	42-146				
Chlorobenzene	37		"	50.0	ND	75.0	39-127				
Chloroethane	46		"	50.0	ND	91.4	52-132				
Chloroform	50		"	50.0	ND	100	61-135				
Chloromethane	41		"	50.0	ND	82.1	32-135				
cis-1,2-Dichloroethylene	40		"	50.0	ND	80.6	60-126				
cis-1,3-Dichloropropylene	43		"	50.0	ND	86.6	48-132				
Dibromochloromethane	48		"	50.0	ND	96.8	44-145				
Dibromomethane	49		"	50.0	ND	98.4	67-129				
Dichlorodifluoromethane	40		"	50.0	ND	79.4	10-131				
Ethyl Benzene	40		"	50.0	ND	80.6	37-133				
Hexachlorobutadiene	16		"	50.0	ND	32.0	10-126				
Isopropylbenzene	35		"	50.0	ND	69.3	34-133				
Methyl tert-butyl ether (MTBE)	50		"	50.0	ND	99.5	50-146				
Methylene chloride	47		"	50.0	0.42	93.1	21-163				
Naphthalene	49		"	50.0	23	51.7	10-140				
n-Butylbenzene	23		"	50.0	ND	46.2	10-123				
n-Propylbenzene	31		"	50.0	ND	63.0	30-121				
o-Xylene	40		"	50.0	ND	79.4	37-131				
p- & m- Xylenes	78		"	100	ND	78.3	34-131				
p-Isopropyltoluene	27		"	50.0	ND	53.8	19-122				
sec-Butylbenzene	28		"	50.0	ND	55.1	19-133				
Styrene	38		"	50.0	ND	75.7	20-138				
tert-Butylbenzene	26		"	50.0	ND	51.7	10-141				
Tetrachloroethylene	62		"	50.0	ND	123	27-163				
Toluene	42		"	50.0	ND	83.7	46-129				
trans-1,2-Dichloroethylene	42		"	50.0	ND	83.2	42-133				
trans-1,3-Dichloropropylene	40		"	50.0	ND	79.6	37-135				
Trichloroethylene	79		"	50.0	ND	158	55-135	High Bias			
Trichlorofluoromethane	52		"	50.0	ND	103	40-142				
Vinyl Chloride	44		"	50.0	ND	87.3	30-137				
Vinyl acetate	0.0		"	50.0	ND		10-62	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*56.8*		*"*	*50.0*		*114*	*72-137*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*72-138*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-118*				

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

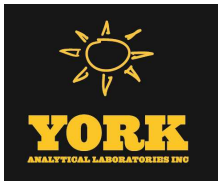
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31155 - EPA 3545A											
Blank (BH31155-BLK1)											
Prepared: 08/23/2013 Analyzed: 08/26/2013											
Acenaphthene	ND	250	ug/kg wet								
Acenaphthylene	ND	250	"								
Aniline	ND	250	"								
Anthracene	ND	250	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzyl alcohol	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Benzyl butyl phthalate	ND	250	"								
4-Bromophenyl phenyl ether	ND	250	"								
4-Chloro-3-methylphenol	ND	250	"								
4-Chloroaniline	ND	250	"								
Bis(2-chloroethoxy)methane	ND	250	"								
Bis(2-chloroethyl)ether	ND	250	"								
Bis(2-chloroisopropyl)ether	ND	250	"								
Bis(2-ethylhexyl)phthalate	ND	250	"								
2-Chloronaphthalene	ND	250	"								
2-Chlorophenol	ND	250	"								
4-Chlorophenyl phenyl ether	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Dibenzofuran	ND	250	"								
Di-n-butyl phthalate	ND	250	"								
1,2-Dichlorobenzene	ND	250	"								
1,4-Dichlorobenzene	ND	250	"								
1,3-Dichlorobenzene	ND	250	"								
3,3'-Dichlorobenzidine	ND	500	"								
2,4-Dichlorophenol	ND	250	"								
Diethyl phthalate	ND	250	"								
2,4-Dimethylphenol	ND	250	"								
Dimethyl phthalate	ND	250	"								
2-Nitroaniline	ND	250	"								
4,6-Dinitro-2-methylphenol	ND	250	"								
2,4-Dinitrophenol	ND	500	"								
2,6-Dinitrotoluene	ND	250	"								
2,4-Dinitrotoluene	ND	250	"								
Di-n-octyl phthalate	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Hexachlorobenzene	ND	250	"								
Hexachlorobutadiene	ND	250	"								
Hexachlorocyclopentadiene	ND	250	"								
Hexachloroethane	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Isophorone	ND	250	"								
2-Methylnaphthalene	ND	250	"								
2-Methylphenol	ND	250	"								
3- & 4-Methylphenols	ND	250	"								
Naphthalene	174	250	"								

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 BH31155 - EPA 3545A											
Blank (BH31155-BLK1)											Prepared: 08/23/2013 Analyzed: 08/26/2013
3-Nitroaniline	ND	250	ug/kg wet								
4-Nitroaniline	ND	250	"								
Nitrobenzene	ND	250	"								
4-Nitrophenol	ND	250	"								
2-Nitrophenol	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Pentachlorophenol	ND	250	"								
Phenanthrene	ND	250	"								
Phenol	ND	250	"								
Pyrene	ND	250	"								
Pyridine	ND	250	"								
1,2,4-Trichlorobenzene	ND	250	"								
2,4,5-Trichlorophenol	ND	250	"								
2,4,6-Trichlorophenol	ND	250	"								
Surrogate: 2,4,6-Tribromophenol	*2780*		*"*	*3920*		*70.8*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1880*		*"*	*2500*		*75.3*	*10-111*				
Surrogate: 2-Fluorophenol	*2580*		*"*	*3730*		*69.2*	*10-109*				
Surrogate: Nitrobenzene-d5	*1740*		*"*	*2540*		*68.5*	*10-148*				
Surrogate: Phenol-d5	*3270*		*"*	*3760*		*86.8*	*10-124*				
Surrogate: Terphenyl-d14	*2090*		*"*	*2550*		*81.8*	*10-147*				
LCS (BH31155-BS1)											Prepared: 08/23/2013 Analyzed: 08/26/2013
Acenaphthene	2000	250	ug/kg wet	2500		80.1	35-127				
Acenaphthylene	2020	250	"	2500		80.9	37-121				
Aniline	1580	250	"	2500		63.3	10-149				
Anthracene	1980	250	"	2500		79.2	38-131				
Benzo(a)anthracene	1580	250	"	2500		63.0	37-137				
Benzo(a)pyrene	2860	250	"	2500		114	33-162				
Benzo(b)fluoranthene	2000	250	"	2500		79.9	26-160				
Benzo(g,h,i)perylene	2920	250	"	2500		117	10-154				
Benzyl alcohol	1190	250	"	2500		47.8	33-124				
Benzo(k)fluoranthene	2980	250	"	2500		119	34-143				
Benzyl butyl phthalate	1790	250	"	2500		71.8	30-143				
4-Bromophenyl phenyl ether	1790	250	"	2500		71.5	35-135				
4-Chloro-3-methylphenol	1690	250	"	2500		67.8	34-133				
4-Chloroaniline	1740	250	"	2500		69.8	17-175				
Bis(2-chloroethoxy)methane	1460	250	"	2500		58.4	31-119				
Bis(2-chloroethyl)ether	1240	250	"	2500		49.4	18-124				
Bis(2-chloroisopropyl)ether	1420	250	"	2500		56.6	10-141				
Bis(2-ethylhexyl)phthalate	1420	250	"	2500		56.8	35-137				
2-Chloronaphthalene	1880	250	"	2500		75.1	34-117				
2-Chlorophenol	1480	250	"	2500		59.4	32-123				
4-Chlorophenyl phenyl ether	1820	250	"	2500		72.6	25-142				
Chrysene	2310	250	"	2500		92.4	38-132				
Dibenzo(a,h)anthracene	2810	250	"	2500		112	14-153				
Dibenzofuran	2090	250	"	2500		83.4	39-123				
Di-n-butyl phthalate	1940	250	"	2500		77.6	35-132				
1,2-Dichlorobenzene	1670	250	"	2500		66.9	22-121				
1,4-Dichlorobenzene	1480	250	"	2500		59.2	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
Batch BH31155 - EPA 3545A											
LCS (BH31155-BS1)								Prepared: 08/23/2013 Analyzed: 08/26/2013			
1,3-Dichlorobenzene	1800	250	ug/kg wet	2500		71.8	22-120				
3,3'-Dichlorobenzidine	1750	500	"	2500		70.1	16-177				
2,4-Dichlorophenol	1560	250	"	2500		62.2	30-134				
Diethyl phthalate	2060	250	"	2500		82.3	41-125				
2,4-Dimethylphenol	1610	250	"	2500		64.3	33-120				
Dimethyl phthalate	1990	250	"	2500		79.6	39-125				
4,6-Dinitro-2-methylphenol	ND	250	"	2500			10-165	Low Bias			
2-Nitroaniline	1770	250	"	2500		70.7	38-130				
2,4-Dinitrophenol	546	500	"	2500		21.8	53-209	Low Bias			
2,6-Dinitrotoluene	1960	250	"	2500		78.3	42-130				
2,4-Dinitrotoluene	2000	250	"	2500		80.1	41-129				
Di-n-octyl phthalate	2510	250	"	2500		100	19-162				
Fluoranthene	1780	250	"	2500		71.1	35-136				
Fluorene	1860	250	"	2500		74.3	33-134				
Hexachlorobenzene	1680	250	"	2500		67.3	31-139				
Hexachlorobutadiene	1690	250	"	2500		67.5	19-137				
Hexachlorocyclopentadiene	478	250	"	2500		19.1	10-145				
Hexachloroethane	1650	250	"	2500		66.1	12-125				
Indeno(1,2,3-cd)pyrene	2920	250	"	2500		117	11-155				
Isophorone	1560	250	"	2500		62.3	30-125				
2-Methylnaphthalene	1720	250	"	2500		68.6	30-125				
2-Methylphenol	1400	250	"	2500		56.0	30-128				
3- & 4-Methylphenols	1220	250	"	2500		49.0	30-120				
Naphthalene	1760	250	"	2500		70.6	28-121				
3-Nitroaniline	2300	250	"	2500		92.0	10-234				
4-Nitroaniline	2000	250	"	2500		79.9	10-208				
Nitrobenzene	1370	250	"	2500		54.7	28-118				
4-Nitrophenol	748	250	"	2500		29.9	10-185				
2-Nitrophenol	1420	250	"	2500		56.8	23-129				
N-nitroso-di-n-propylamine	1380	250	"	2500		55.1	21-136				
N-Nitrosodimethylamine	983	250	"	2500		39.3	10-131				
N-Nitrosodiphenylamine	2280	250	"	2500		91.3	36-163				
Pentachlorophenol	880	250	"	2500		35.2	15-182				
Phenanthrene	1860	250	"	2500		74.3	37-132				
Phenol	1420	250	"	2500		56.8	28-124				
Pyrene	1860	250	"	2500		74.3	30-147				
Pyridine	1280	250	"	2500		51.1	10-113				
1,2,4-Trichlorobenzene	1720	250	"	2500		69.0	22-129				
2,4,5-Trichlorophenol	1710	250	"	2500		68.5	34-126				
2,4,6-Trichlorophenol	1620	250	"	2500		64.6	36-130				
Surrogate: 2,4,6-Tribromophenol	*2920*		*"*	*3920*		*74.4*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1890*		*"*	*2500*		*75.7*	*10-111*				
Surrogate: 2-Fluorophenol	*2020*		*"*	*3730*		*54.2*	*10-109*				
Surrogate: Nitrobenzene-d5	*1400*		*"*	*2540*		*55.0*	*10-148*				
Surrogate: Phenol-d5	*2380*		*"*	*3760*		*63.3*	*10-124*				
Surrogate: Terphenyl-d14	*2010*		*"*	*2550*		*79.0*	*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 BH31155 - EPA 3545A											
LCS Dup (BH31155-BSD1)									Prepared: 08/23/2013 Analyzed: 08/26/2013		
Acenaphthene	1920	250	ug/kg wet	2500		76.7	35-127		4.33	30	
Acenaphthylene	1830	250	"	2500		73.2	37-121		10.0	30	
Aniline	1990	250	"	2500		79.7	10-149		22.9	30	
Anthracene	2000	250	"	2500		80.1	38-131		1.13	30	
Benzo(a)anthracene	1560	250	"	2500		62.2	37-137		1.34	30	
Benzo(a)pyrene	2850	250	"	2500		114	33-162		0.140	30	
Benzo(b)fluoranthene	2170	250	"	2500		86.7	26-160		8.14	30	
Benzo(g,h,i)perylene	2870	250	"	2500		115	10-154		1.49	30	
Benzyl alcohol	1760	250	"	2500		70.3	33-124		38.2	30	Non-dir.
Benzo(k)fluoranthene	2830	250	"	2500		113	34-143		5.03	30	
Benzyl butyl phthalate	1870	250	"	2500		74.9	30-143		4.28	30	
4-Bromophenyl phenyl ether	1960	250	"	2500		78.3	35-135		9.05	30	
4-Chloro-3-methylphenol	1900	250	"	2500		75.9	34-133		11.4	30	
4-Chloroaniline	1920	250	"	2500		76.7	17-175		9.47	30	
Bis(2-chloroethoxy)methane	1670	250	"	2500		66.6	31-119		13.2	30	
Bis(2-chloroethyl)ether	1410	250	"	2500		56.2	18-124		12.9	30	
Bis(2-chloroisopropyl)ether	1750	250	"	2500		69.9	10-141		21.0	30	
Bis(2-ethylhexyl)phthalate	1430	250	"	2500		57.3	35-137		0.771	30	
2-Chloronaphthalene	1760	250	"	2500		70.6	34-117		6.29	30	
2-Chlorophenol	1840	250	"	2500		73.6	32-123		21.3	30	
4-Chlorophenyl phenyl ether	1750	250	"	2500		70.1	25-142		3.50	30	
Chrysene	2400	250	"	2500		95.8	38-132		3.63	30	
Dibenzo(a,h)anthracene	2880	250	"	2500		115	14-153		2.22	30	
Dibenzofuran	2020	250	"	2500		81.0	39-123		2.97	30	
Di-n-butyl phthalate	1990	250	"	2500		79.6	35-132		2.44	30	
1,2-Dichlorobenzene	1850	250	"	2500		73.9	22-121		10.0	30	
1,4-Dichlorobenzene	1740	250	"	2500		69.5	20-122		16.1	30	
1,3-Dichlorobenzene	2040	250	"	2500		81.5	22-120		12.6	30	
3,3'-Dichlorobenzidine	1820	500	"	2500		72.7	16-177		3.70	30	
2,4-Dichlorophenol	1560	250	"	2500		62.3	30-134		0.193	30	
Diethyl phthalate	1990	250	"	2500		79.5	41-125		3.49	30	
2,4-Dimethylphenol	1720	250	"	2500		68.9	33-120		6.96	30	
Dimethyl phthalate	1960	250	"	2500		78.2	39-125		1.75	30	
4,6-Dinitro-2-methylphenol	1650	250	"	2500		66.0	10-165		182	30	Non-dir.
2-Nitroaniline	1850	250	"	2500		73.8	38-130		4.37	30	
2,4-Dinitrophenol	1080	500	"	2500		43.2	53-209	Low Bias	65.7	30	Non-dir.
2,6-Dinitrotoluene	2070	250	"	2500		82.9	42-130		5.68	30	
2,4-Dinitrotoluene	2030	250	"	2500		81.2	41-129		1.36	30	
Di-n-octyl phthalate	2470	250	"	2500		98.7	19-162		1.79	30	
Fluoranthene	1850	250	"	2500		74.1	35-136		4.13	30	
Fluorene	1830	250	"	2500		73.0	33-134		1.74	30	
Hexachlorobenzene	1830	250	"	2500		73.2	31-139		8.34	30	
Hexachlorobutadiene	1870	250	"	2500		74.9	19-137		10.3	30	
Hexachlorocyclopentadiene	558	250	"	2500		22.3	10-145		15.3	30	
Hexachloroethane	1870	250	"	2500		75.0	12-125		12.5	30	
Indeno(1,2,3-cd)pyrene	3000	250	"	2500		120	11-155		2.84	30	
Isophorone	1750	250	"	2500		70.1	30-125		11.9	30	
2-Methylnaphthalene	1960	250	"	2500		78.3	30-125		13.1	30	
2-Methylphenol	1790	250	"	2500		71.6	30-128		24.5	30	
3- & 4-Methylphenols	1560	250	"	2500		62.2	30-120		23.8	30	
Naphthalene	1810	250	"	2500		72.5	28-121		2.68	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 BH31155 - EPA 3545A											
LCS Dup (BH31155-BSD1)									Prepared: 08/23/2013 Analyzed: 08/26/2013		
3-Nitroaniline	2180	250	ug/kg wet	2500		87.0	10-234		5.59	30	
4-Nitroaniline	2100	250	"	2500		83.8	10-208		4.76	30	
Nitrobenzene	1820	250	"	2500		72.8	28-118		28.3	30	
4-Nitrophenol	1380	250	"	2500		55.3	10-185		59.6	30	Non-dir.
2-Nitrophenol	1560	250	"	2500		62.6	23-129		9.75	30	
N-nitroso-di-n-propylamine	164	250	"	2500		6.58	21-136	Low Bias	157	30	Non-dir.
N-Nitrosodimethylamine	1070	250	"	2500		42.8	10-131		8.57	30	
N-Nitrosodiphenylamine	2260	250	"	2500		90.4	36-163		0.991	30	
Pentachlorophenol	1240	250	"	2500		49.7	15-182		34.2	30	Non-dir.
Phenanthrene	1950	250	"	2500		78.2	37-132		5.06	30	
Phenol	1850	250	"	2500		74.0	28-124		26.4	30	
Pyrene	2000	250	"	2500		80.0	30-147		7.38	30	
Pyridine	1230	250	"	2500		49.2	10-113		3.79	30	
1,2,4-Trichlorobenzene	1840	250	"	2500		73.6	22-129		6.51	30	
2,4,5-Trichlorophenol	1670	250	"	2500		66.6	34-126		2.72	30	
2,4,6-Trichlorophenol	1700	250	"	2500		68.0	36-130		5.07	30	
Surrogate: 2,4,6-Tribromophenol	*3280*		*"*	*3920*		*83.5*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1840*		*"*	*2500*		*73.5*	*10-111*				
Surrogate: 2-Fluorophenol	*2340*		*"*	*3730*		*62.7*	*10-109*				
Surrogate: Nitrobenzene-d5	*1830*		*"*	*2540*		*72.1*	*10-148*				
Surrogate: Phenol-d5	*2870*		*"*	*3760*		*76.2*	*10-124*				
Surrogate: Terphenyl-d14	*2050*		*"*	*2550*		*80.5*	*10-147*				
Matrix Spike (BH31155-MS1)	*Source sample: 13H0850-01 (SP-1 (0-2))								Prepared: 08/23/2013 Analyzed: 08/26/2013		
Acenaphthene	1980	1030	ug/kg dry	2070	ND	95.9	10-143				
Acenaphthylene	1590	1030	"	2070	ND	76.9	10-137				
Aniline	703	1030	"	2070	ND	34.0	10-154				
Anthracene	3110	1030	"	2070	797	112	18-140				
Benzo(a)anthracene	3140	1030	"	2070	1480	80.2	10-154				
Benzo(a)pyrene	4860	1030	"	2070	2120	133	12-172				
Benzo(b)fluoranthene	3230	1030	"	2070	1600	78.8	18-163				
Benzo(g,h,i)perylene	4070	1030	"	2070	1340	132	10-158				
Benzyl alcohol	ND	1030	"	2070	ND		10-136	Low Bias			
Benzo(k)fluoranthene	5380	1030	"	2070	2080	160	14-157	High Bias			
Benzyl butyl phthalate	1450	1030	"	2070	ND	70.3	10-152				
4-Bromophenyl phenyl ether	1590	1030	"	2070	ND	76.8	11-146				
4-Chloro-3-methylphenol	653	1030	"	2070	ND	31.6	10-156				
4-Chloroaniline	ND	1030	"	2070	ND		10-168	Low Bias			
Bis(2-chloroethoxy)methane	ND	1030	"	2070	ND		10-135	Low Bias			
Bis(2-chloroethyl)ether	992	1030	"	2070	ND	48.0	10-127				
Bis(2-chloroisopropyl)ether	1030	1030	"	2070	ND	49.9	10-142				
Bis(2-ethylhexyl)phthalate	1250	1030	"	2070	ND	60.4	22-144				
2-Chloronaphthalene	1310	1030	"	2070	ND	63.4	12-129				
2-Chlorophenol	657	1030	"	2070	ND	31.8	10-133				
4-Chlorophenyl phenyl ether	1260	1030	"	2070	ND	61.0	13-138				
Chrysene	4670	1030	"	2070	2130	123	22-140				
Dibenzo(a,h)anthracene	3030	1030	"	2070	465	124	10-146				
Dibenzofuran	1810	1030	"	2070	ND	87.6	15-136				
Di-n-butyl phthalate	1560	1030	"	2070	ND	75.3	20-138				
1,2-Dichlorobenzene	1020	1030	"	2070	ND	49.2	10-126				
1,4-Dichlorobenzene	876	1030	"	2070	ND	42.4	10-119				

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 BH31155 - EPA 3545A											
Matrix Spike (BH31155-MS1)	*Source sample: 13H0850-01 (SP-1 (0-2))							Prepared: 08/23/2013 Analyzed: 08/26/2013			
1,3-Dichlorobenzene	901	1030	ug/kg dry	2070	ND	43.6	10-120				
3,3'-Dichlorobenzidine	1040	2060	"	2070	ND	50.4	10-154				
2,4-Dichlorophenol	ND	1030	"	2070	ND		10-140	Low Bias			
Diethyl phthalate	1540	1030	"	2070	ND	74.6	20-132				
2,4-Dimethylphenol	878	1030	"	2070	ND	42.5	10-130				
Dimethyl phthalate	1450	1030	"	2070	ND	70.4	22-128				
4,6-Dinitro-2-methylphenol	558	1030	"	2070	ND	27.0	10-145				
2-Nitroaniline	1060	1030	"	2070	ND	51.2	19-137				
2,4-Dinitrophenol	1720	2070	"	2070	ND	83.0	10-175				
2,6-Dinitrotoluene	990	1030	"	2070	ND	47.9	18-135				
2,4-Dinitrotoluene	1130	1030	"	2070	ND	54.9	10-145				
Di-n-octyl phthalate	1890	1030	"	2070	ND	91.6	10-177				
Fluoranthene	6210	1030	"	2070	3680	122	10-155				
Fluorene	2120	1030	"	2070	ND	102	18-139				
Hexachlorobenzene	1410	1030	"	2070	ND	68.1	16-150				
Hexachlorobutadiene	949	1030	"	2070	ND	45.9	10-135				
Hexachlorocyclopentadiene	1810	1030	"	2070	ND	87.7	10-120				
Hexachloroethane	953	1030	"	2070	ND	46.1	10-115				
Indeno(1,2,3-cd)pyrene	3700	1030	"	2070	1290	117	10-158				
Isophorone	903	1030	"	2070	ND	43.7	10-136				
2-Methylnaphthalene	740	1030	"	2070	ND	35.8	10-143				
2-Methylphenol	653	1030	"	2070	ND	31.6	10-160				
3- & 4-Methylphenols	ND	1030	"	2070	ND		10-130	Low Bias			
Naphthalene	1590	1030	"	2070	ND	76.9	10-143				
3-Nitroaniline	1360	1030	"	2070	ND	65.6	10-196				
4-Nitroaniline	591	1030	"	2070	ND	28.6	10-189				
Nitrobenzene	428	1030	"	2070	ND	20.7	10-146				
4-Nitrophenol	ND	1030	"	2070	ND		10-180	Low Bias			
2-Nitrophenol	469	1030	"	2070	ND	22.7	10-148				
N-nitroso-di-n-propylamine	843	1030	"	2070	ND	40.8	10-150				
N-Nitrosodimethylamine	1330	1030	"	2070	ND	64.5	10-131				
N-Nitrosodiphenylamine	1900	1030	"	2070	ND	91.7	13-166				
Pentachlorophenol	ND	1030	"	2070	ND		10-189	Low Bias			
Phenanthrene	6320	1030	"	2070	2820	170	12-151	High Bias			
Phenol	792	1030	"	2070	ND	38.3	10-134				
Pyrene	5440	1030	"	2070	3060	115	10-156				
Pyridine	1680	1030	"	2070	ND	81.4	10-112				
1,2,4-Trichlorobenzene	856	1030	"	2070	ND	41.4	10-127				
2,4,5-Trichlorophenol	858	1030	"	2070	ND	41.5	17-131				
2,4,6-Trichlorophenol	1180	1030	"	2070	ND	57.0	10-144				
Surrogate: 2,4,6-Tribromophenol	*2050*		*"*	*3240*		*63.1*	*10-142*				
Surrogate: 2-Fluorobiphenyl	*1110*		*"*	*2070*		*53.7*	*10-111*				
Surrogate: 2-Fluorophenol	*845*		*"*	*3080*		*27.4*	*10-109*				
Surrogate: Nitrobenzene-d5	*554*		*"*	*2100*		*26.4*	*10-148*				
Surrogate: Phenol-d5	*1530*		*"*	*3110*		*49.3*	*10-124*				
Surrogate: Terphenyl-d14	*1630*		*"*	*2110*		*77.4*	*10-147*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31179 - EPA 3550B											
Blank (BH31179-BLK1)											Prepared: 08/26/2013 Analyzed: 08/27/2013
4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
alpha-Chlordane	ND	0.330	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	*52.7*		*"*	*67.0*		*78.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*47.1*		*"*	*66.7*		*70.6*	*30-150*				
LCS (BH31179-BS1)											Prepared: 08/26/2013 Analyzed: 08/27/2013
4,4'-DDD	24.8	0.330	ug/kg wet	33.3		74.5	40-140				
4,4'-DDE	20.1	0.330	"	33.3		60.2	40-140				
4,4'-DDT	26.5	0.330	"	33.3		79.5	40-140				
Aldrin	21.7	0.330	"	33.3		65.1	40-140				
alpha-BHC	22.3	0.330	"	33.3		67.0	40-140				
beta-BHC	21.7	0.330	"	33.3		65.1	40-140				
gamma-Chlordane	21.2	0.330	"	33.3		63.7	40-140				
delta-BHC	24.0	0.330	"	33.3		72.0	40-140				
Dieldrin	22.4	0.330	"	33.3		67.2	40-140				
Endosulfan I	22.4	0.330	"	33.3		67.2	40-140				
Endosulfan II	22.0	0.330	"	33.3		66.1	40-140				
Endosulfan sulfate	22.3	0.330	"	33.3		67.0	40-140				
Endrin	23.6	0.330	"	33.3		70.8	40-140				
Endrin aldehyde	21.3	0.330	"	33.3		63.9	40-140				
Endrin ketone	21.4	0.330	"	33.3		64.1	40-140				
gamma-BHC (Lindane)	21.9	0.330	"	33.3		65.7	40-140				
Heptachlor	22.6	0.330	"	33.3		67.9	40-140				
Heptachlor epoxide	21.1	0.330	"	33.3		63.3	40-140				
Methoxychlor	27.2	1.65	"	33.3		81.7	40-140				
alpha-Chlordane	21.7	0.330	"	33.3		65.1	40-140				
Surrogate: Decachlorobiphenyl	*51.7*		*"*	*67.0*		*77.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*46.4*		*"*	*66.7*		*69.5*	*30-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31179 - EPA 3550B											
LCS Dup (BH31179-BSD1)									Prepared: 08/26/2013 Analyzed: 08/27/2013		
4,4'-DDD	22.6	0.330	ug/kg wet	33.3		67.9	40-140		9.22	200	
4,4'-DDE	18.1	0.330	"	33.3		54.2	40-140		10.6	200	
4,4'-DDT	25.1	0.330	"	33.3		75.4	40-140		5.30	200	
Aldrin	22.3	0.330	"	33.3		66.9	40-140		2.83	200	
alpha-BHC	24.9	0.330	"	33.3		74.7	40-140		10.8	200	
beta-BHC	23.4	0.330	"	33.3		70.2	40-140		7.55	200	
gamma-Chlordane	17.7	0.330	"	33.3		53.1	40-140		18.1	200	
delta-BHC	26.7	0.330	"	33.3		80.1	40-140		10.6	200	
Dieldrin	20.1	0.330	"	33.3		60.4	40-140		10.6	200	
Endosulfan I	20.8	0.330	"	33.3		62.4	40-140		7.32	200	
Endosulfan II	19.4	0.330	"	33.3		58.1	40-140		12.8	200	
Endosulfan sulfate	18.3	0.330	"	33.3		54.8	40-140		20.0	200	
Endrin	21.3	0.330	"	33.3		64.0	40-140		9.97	200	
Endrin aldehyde	18.8	0.330	"	33.3		56.5	40-140		12.3	200	
Endrin ketone	19.3	0.330	"	33.3		57.9	40-140		10.2	200	
gamma-BHC (Lindane)	24.4	0.330	"	33.3		73.1	40-140		10.7	200	
Heptachlor	24.8	0.330	"	33.3		74.4	40-140		9.09	200	
Heptachlor epoxide	19.8	0.330	"	33.3		59.5	40-140		6.28	200	
Methoxychlor	26.0	1.65	"	33.3		78.1	40-140		4.52	200	
alpha-Chlordane	18.9	0.330	"	33.3		56.7	40-140		13.8	200	
Surrogate: Decachlorobiphenyl	*44.0*		"	*67.0*		*65.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*47.9*		"	*66.7*		*71.9*	*30-150*				
Matrix Spike (BH31179-MS1)	*Source sample: 13H0850-01 (SP-1 (0-2))								Prepared: 08/26/2013 Analyzed: 08/27/2013		
4,4'-DDD	30.4	2.05	ug/kg dry	41.3	2.67	67.1	30-150				
4,4'-DDE	21.1	2.05	"	41.3	8.21	31.3	30-150				
4,4'-DDT	50.5	2.05	"	41.3	29.2	51.7	30-150				
Aldrin	22.5	2.05	"	41.3	ND	54.5	30-150				
alpha-BHC	28.3	2.05	"	41.3	ND	68.6	30-150				
beta-BHC	21.7	2.05	"	41.3	ND	52.4	30-150				
gamma-Chlordane	15.0	2.05	"	41.3	ND	36.3	30-150				
delta-BHC	30.5	2.05	"	41.3	ND	73.8	30-150				
Dieldrin	26.4	2.05	"	41.3	ND	63.8	30-150				
Endosulfan I	24.9	2.05	"	41.3	ND	60.2	30-150				
Endosulfan II	26.2	2.05	"	41.3	ND	63.4	30-150				
Endosulfan sulfate	23.0	2.05	"	41.3	ND	55.8	30-150				
Endrin	29.2	2.05	"	41.3	ND	70.7	30-150				
Endrin aldehyde	27.0	2.05	"	41.3	ND	65.4	30-150				
Endrin ketone	24.1	2.05	"	41.3	ND	58.2	30-150				
gamma-BHC (Lindane)	30.4	2.05	"	41.3	ND	73.5	30-150				
Heptachlor	25.8	2.05	"	41.3	ND	62.5	30-150				
Heptachlor epoxide	28.0	2.05	"	41.3	ND	67.8	30-150				
Methoxychlor	42.0	10.2	"	41.3	ND	102	30-150				
alpha-Chlordane	22.2	2.05	"	41.3	ND	53.8	30-150				
Surrogate: Decachlorobiphenyl	*47.3*		"	*83.1*		*57.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*53.6*		"	*82.7*		*64.9*	*30-150*				

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium 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 BH31179 - EPA 3550B											
Blank (BH31179-BLK1)											Prepared: 08/26/2013 Analyzed: 08/27/2013
Aroclor 1016	ND	0.0170	mg/kg wet								
Aroclor 1221	ND	0.0170	"								
Aroclor 1232	ND	0.0170	"								
Aroclor 1242	ND	0.0170	"								
Aroclor 1248	ND	0.0170	"								
Aroclor 1254	ND	0.0170	"								
Aroclor 1260	ND	0.0170	"								
Total PCBs	ND	0.0170	"								
Surrogate: Tetrachloro-m-xylene	*0.0487*		*"*	*0.0667*		*73.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0397*		*"*	*0.0670*		*59.2*	*30-150*				
LCS (BH31179-BS2)											Prepared: 08/26/2013 Analyzed: 08/27/2013
Aroclor 1016	0.261	0.0170	mg/kg wet	0.333		78.3	40-140				
Aroclor 1260	0.260	0.0170	"	0.333		78.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0467*		*"*	*0.0667*		*70.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0670*		*61.7*	*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
Batch BH31163 - EPA 3050B											
Blank (BH31163-BLK1)									Prepared & Analyzed: 08/23/2013		
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 (BH31163-DUP1)	*Source sample: 13H0850-05 (SP-3 (0-2))								Prepared & Analyzed: 08/23/2013		
Aluminum	5140	1.08	mg/kg dry		5100				0.901	35	
Antimony	ND	0.542	"		ND					35	
Arsenic	3.38	1.08	"		3.48				2.99	35	
Barium	56.9	1.08	"		57.2				0.541	35	
Beryllium	ND	0.108	"		ND					35	
Cadmium	ND	0.325	"		ND					35	
Calcium	44200	5.42	"		44200				0.0554	35	
Chromium	7.78	0.542	"		7.77				0.196	35	
Cobalt	2.49	0.542	"		2.51				0.775	35	
Copper	13.6	0.542	"		13.5				0.828	35	
Iron	6110	2.17	"		6060				0.851	35	
Lead	59.0	0.325	"		59.2				0.288	35	
Magnesium	3440	5.42	"		3400				1.13	35	
Manganese	98.6	0.542	"		99.0				0.368	35	
Nickel	5.33	0.542	"		5.32				0.0612	35	
Potassium	570	5.42	"		565				0.898	35	
Selenium	ND	1.08	"		ND					35	
Silver	ND	0.542	"		ND					35	
Sodium	404	10.8	"		423				4.69	35	
Thallium	ND	1.08	"		ND					35	
Vanadium	11.1	1.08	"		11.2				0.529	35	
Zinc	83.5	1.08	"		84.6				1.27	35	

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31163 - EPA 3050B											
Matrix Spike (BH31163-MS1)	*Source sample: 13H0850-05 (SP-3 (0-2))							Prepared & Analyzed: 08/23/2013			
Aluminum	5300	1.08	mg/kg dry	217	5100	91.9	75-125				
Antimony	29.0	0.542	"	27.1	ND	107	75-125				
Arsenic	228	1.08	"	217	3.48	103	75-125				
Barium	280	1.08	"	217	57.2	103	75-125				
Beryllium	4.79	0.108	"	5.42	ND	88.3	75-125				
Cadmium	5.33	0.325	"	5.42	ND	98.3	75-125				
Chromium	28.3	0.542	"	21.7	7.77	94.7	75-125				
Cobalt	55.5	0.542	"	54.2	2.51	97.8	75-125				
Copper	42.0	0.542	"	27.1	13.5	105	75-125				
Iron	6100	2.17	"	108	6060	34.7	75-125	Low Bias			
Lead	111	0.325	"	54.2	59.2	95.7	75-125				
Magnesium	3370	5.42	"		3400		75-125				
Manganese	155	0.542	"	54.2	99.0	103	75-125				
Nickel	61.2	0.542	"	54.2	5.32	103	75-125				
Potassium	551	5.42	"		565		75-125				
Silver	4.09	0.542	"	5.42	ND	75.4	75-125				
Sodium	371	10.8	"		423		75-125				
Thallium	209	1.08	"	217	ND	96.2	75-125				
Vanadium	64.9	1.08	"	54.2	11.2	99.1	75-125				
Zinc	134	1.08	"	54.2	84.6	91.4	75-125				
Reference (BH31163-SRM1)								Prepared & Analyzed: 08/23/2013			
Aluminum	8090	1.00	mg/kg wet	9060		89.3	42.6-157				
Antimony	127	0.500	"	106		120	23.1-256				
Arsenic	176	1.00	"	182		96.9	70.9-130				
Barium	133	1.00	"	143		93.3	72.7-128				
Beryllium	91.2	0.100	"	98.3		92.8	74.6-125				
Cadmium	53.5	0.300	"	60.4		88.6	73.2-129				
Calcium	5740	5.00	"	6040		95.1	73.7-126				
Chromium	113	0.500	"	125		90.4	69.8-130				
Cobalt	155	0.500	"	163		94.9	74.2-125				
Copper	78.0	0.500	"	80.1		97.4	73.7-130				
Iron	12600	2.00	"	12900		97.7	32.3-168				
Lead	125	0.300	"	136		91.9	73.1-127				
Magnesium	2430	5.00	"	2640		92.0	64-136				
Manganese	274	0.500	"	279		98.1	74.2-126				
Nickel	132	0.500	"	128		103	73.1-130				
Potassium	2560	5.00	"	2820		90.7	62.1-138				
Selenium	85.3	1.00	"	85.9		99.3	63.9-136				
Silver	53.4	0.500	"	61.3		87.1	66.9-133				
Sodium	606	10.0	"	439		138	48.3-152				
Thallium	133	1.00	"	144		92.1	68.3-132				
Vanadium	96.2	1.00	"	104		92.5	66-134				
Zinc	184	1.00	"	204		90.4	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 BH31263 - EPA 7473 soil											
Blank (BH31263-BLK1)								Prepared & Analyzed: 08/27/2013			
Mercury	ND	0.000800	mg/kg wet								
Duplicate (BH31263-DUP1)	*Source sample: 13H0850-01 (SP-1 (0-2))							Prepared & Analyzed: 08/27/2013			
Mercury	0.887	0.000992	mg/kg dry		0.946				6.45	35	
Matrix Spike (BH31263-MS1)	*Source sample: 13H0850-01 (SP-1 (0-2))							Prepared & Analyzed: 08/27/2013			
Mercury	1.18		mg/kg	0.500	0.763	83.3	75-125				
Reference (BH31263-SRM1)								Prepared & Analyzed: 08/27/2013			
Mercury	3.19		mg/kg	3.73		85.5	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 BH31235 - EPA SW846-3060											
Blank (BH31235-BLK1)									Prepared: 08/26/2013 Analyzed: 08/27/2013		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH31235-DUP1)	*Source sample: 13H0850-01 (SP-1 (0-2))								Prepared: 08/26/2013 Analyzed: 08/27/2013		
Chromium, Hexavalent	ND	0.620	mg/kg dry		ND					35	
Matrix Spike (BH31235-MS1)	*Source sample: 13H0850-01 (SP-1 (0-2))								Prepared: 08/26/2013 Analyzed: 08/27/2013		
Chromium, Hexavalent	22.3	0.620	mg/kg dry	24.8	ND	90.0	75-125				
Reference (BH31235-SRM1)									Prepared: 08/26/2013 Analyzed: 08/27/2013		
Chromium, Hexavalent	59.2		mg/L	76.7		77.2	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0850-01	SP-1 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0850-02	SP-1 (12-14)	40mL Vial with Stir Bar-Cool 4° C
13H0850-03	SP-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0850-04	SP-2 (12-14)	40mL Vial with Stir Bar-Cool 4° C
13H0850-05	SP-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0850-06	SP-3 (12-14)	40mL Vial with Stir Bar-Cool 4° C
13H0850-07	SP-4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0850-08	SP-4 (10-12)	40mL Vial with Stir Bar-Cool 4° C
13H0850-09	SP-5 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0850-10	SP-5 (12-14)	40mL Vial with Stir Bar-Cool 4° C
13H0850-11	SP-6 (0-2)	40mL Vial with Stir Bar-Cool 4° C
13H0850-12	SP-6 (12-14)	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

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

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13H0850

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	130146 - 1936 West Farms Road, Bronx, NY	RUSH-Same Day	Summary Report X
Address: 15 Ocean Ave, 2nd Fl	Name:	Name: Muslima Ward		RUSH-Next Day	QA Report X
Brooklyn, NY 11225	Company:	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 718-636-0800	Address:	Address: 77 Arkay Drive, Suite G	5997	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Sasha Rothenberg		Hauppauge, NY 11788		RUSH-Four Day	NY ASP A Package
E-mail: srothenberg@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvironmental.com	Samples from CT__NY_x_NJ__	Standard (5-7day) X	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)

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

Samples Collected/Authorized By (Signature)

Sasha Rothenberg
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CTI5 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Unrestricted
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

YORK Regulatory Comp Excel
compared to:
NYSDEC Part 375 Unrestricted SCO - Residential SCO

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-1 (0-2)	8/20/2013	S	EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent	8 oz and terracore sets
SP-1 (12-14)	8/20/2013	S	"	"
SP-2 (0-2)	8/20/2013	S	"	"
SP-2 (12-14)	8/20/2013	S	"	"
SP-3 (0-2)	8/20/2013	S	"	"
SP-3 (12-14)	8/20/2013	S	"	"
SP-4 (0-2)	8/21/2013	S	"	"
SP-4 (10-12)	8/21/2013	S	"	"

Comments:

E Designation

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By: Y Mouttiz — Date/Time: 8/22/13
Samples Relinquished By — Date/Time

Samples Received By: E. Schreek — Date/Time: 8/22/13 10:53
Samples Received in LAB by — Date/Time

Temperature on Receipt: 4.1 °C

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 1310850

YOUR Information	**Report To:**	**Invoice To:**
Company: Same	Company:	Company: Same
Address:	Address:	Address:
Phone No.	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 130146 – 1936 West Farms Rd, Bronx

Purchase Order No.: 5997

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X
- Summary w/ QA Summary X
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
- Simple Excel
- NYSDEC EQuIS X
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison Excel Spreadsheet** X

Compare to the following Regs. (please fill in): Part 375 Unrestricted + Restricted

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 DeHenberg
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-5(0-2)	8/21/13	S	EPA 8260, 8270, 8081/8082, TAL Metals, chromium, hexavalent & trivalent	80E + Terracore sets
SP-5(12-14)	X	"	X	X
SP-6(0-2)	X	"	X	X
SP-6(12-14)	X	"	X	X

Comments

TE Designation

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By: Y Martinez	Date/Time: 8/22/13	Samples Received By:	Date/Time: 8/22/2013
Samples Relinquished By:	Date/Time:	Samples Received in LAB by: E Schuck	Date/Time: 8/22/13 1545

Temperature on Receipt: 4.1 °C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 08/30/2013
Client Project ID: 130146-1936 West Farms Rd, Bronx, NY
York Project (SDG) No.: 13H0943

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

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

Report Date: 08/30/2013
Client Project ID: 130146-1936 West Farms Rd, Bronx, NY
York Project (SDG) No.: 13H0943

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 26, 2013 and listed below. The project was identified as your project: **130146-1936 West Farms Rd, Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H0943-01	MW-1	Water	08/23/2013	08/26/2013

General Notes for York Project (SDG) No.: 13H0943

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

Approved By: 

Date: 08/30/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 15:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
67-64-1	Acetone	**7.3**		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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	08/28/2013 09:00	08/28/2013 15:39	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-09-2	Methylene chloride	**3.2**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	08/28/2013 09:00	08/28/2013 15:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.2 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.8 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*91-110*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	12.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
208-96-8	Acenaphthylene	ND		ug/L	12.4	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
62-53-3	Aniline	ND		ug/L	10.7	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
120-12-7	Anthracene	ND		ug/L	8.50	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
56-55-3	Benzo(a)anthracene	ND		ug/L	9.36	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
50-32-8	Benzo(a)pyrene	ND		ug/L	9.29	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
205-99-2	Benzo(b)fluoranthene	ND		ug/L	10.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
100-51-6	Benzyl alcohol	ND		ug/L	10.4	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	12.2	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
207-08-9	Benzo(k)fluoranthene	ND		ug/L	13.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
85-68-7	Benzyl butyl phthalate	ND		ug/L	6.09	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	9.50	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	13.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
106-47-8	4-Chloroaniline	ND		ug/L	21.3	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	12.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	10.7	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	21.4	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	34.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
91-58-7	2-Chloronaphthalene	ND		ug/L	15.7	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
95-57-8	2-Chlorophenol	ND		ug/L	12.8	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	17.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
218-01-9	Chrysene	ND		ug/L	10.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	11.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
132-64-9	Dibenzofuran	ND		ug/L	17.2	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
84-74-2	Di-n-butyl phthalate	ND		ug/L	14.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	17.8	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	18.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	15.8	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	9.07	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
120-83-2	2,4-Dichlorophenol	ND		ug/L	13.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
84-66-2	Diethyl phthalate	ND		ug/L	18.3	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
105-67-9	2,4-Dimethylphenol	ND		ug/L	11.4	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
131-11-3	Dimethyl phthalate	ND		ug/L	13.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	11.6	71.4	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
51-28-5	2,4-Dinitrophenol	ND		ug/L	16.1	71.4	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
606-20-2	2,6-Dinitrotoluene	ND		ug/L	11.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
121-14-2	2,4-Dinitrotoluene	ND		ug/L	11.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
117-84-0	Di-n-octyl phthalate	ND		ug/L	8.00	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
206-44-0	Fluoranthene	ND		ug/L	8.86	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
86-73-7	Fluorene	ND		ug/L	13.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
118-74-1	Hexachlorobenzene	ND		ug/L	9.07	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
87-68-3	Hexachlorobutadiene	ND		ug/L	19.9	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	18.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
67-72-1	Hexachloroethane	ND		ug/L	21.7	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	12.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
78-59-1	Isophorone	ND		ug/L	19.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
91-57-6	2-Methylnaphthalene	ND		ug/L	19.7	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
65794-96-9	3- & 4-Methylphenols	ND		ug/L	8.00	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
95-48-7	2-Methylphenol	ND		ug/L	8.29	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
91-20-3	Naphthalene	ND		ug/L	14.2	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
100-01-6	4-Nitroaniline	ND		ug/L	19.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
99-09-2	3-Nitroaniline	ND		ug/L	12.0	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
88-74-4	2-Nitroaniline	ND		ug/L	12.0	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
98-95-3	Nitrobenzene	ND		ug/L	12.1	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
88-75-5	2-Nitrophenol	ND		ug/L	16.9	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
100-02-7	4-Nitrophenol	ND		ug/L	11.9	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	18.3	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.78	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	35.7	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
87-86-5	Pentachlorophenol	ND		ug/L	10.4	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
85-01-8	Phenanthrene	ND		ug/L	9.79	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
108-95-2	Phenol	ND		ug/L	7.86	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
129-00-0	Pyrene	ND		ug/L	12.4	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
110-86-1	Pyridine	ND		ug/L	27.9	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	17.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	12.5	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	13.6	35.7	5	EPA SW-846 8270C/EPA 625	08/27/2013 07:59	08/28/2013 12:36	RB

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*78.1 %*	*17-127*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*81.2 %*	*14-101*
367-12-4	*Surrogate: 2-Fluorophenol*	*28.6 %*	*10-52*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*81.5 %*	*12-112*
4165-62-2	*Surrogate: Phenol-d5*	*19.7 %*	*10-117*
1718-51-0	*Surrogate: Terphenyl-d14*	*66.9 %*	*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	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
72-43-5	Methoxychlor	ND		ug/L	0.00556	0.00556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
76-44-8	Heptachlor	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
72-20-8	Endrin	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
959-98-8	Endosulfan I	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
60-57-1	Dieldrin	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
319-86-8	delta-BHC	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.00444	0.00444	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
319-85-7	beta-BHC	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
319-84-6	alpha-BHC	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
309-00-2	Aldrin	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00111	0.00111	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/28/2013 15:10	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW
1336-36-3	Total PCBs	ND		ug/L	0.0556	0.0556	1	EPA SW 846-8081/8082	08/28/2013 07:39	08/29/2013 09:39	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.3 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**42.9**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-38-2	Arsenic	**0.024**		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-39-3	Barium	**1.05**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-70-2	Calcium	**152**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-47-3	Chromium	**0.141**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-48-4	Cobalt	**0.101**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-50-8	Copper	**0.638**		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7439-89-6	Iron	**101**		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7439-92-1	Lead	**0.188**		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	**30.5**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7439-96-5	Manganese	**0.913**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-02-0	Nickel	**0.228**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-09-7	Potassium	**17.5**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-23-5	Sodium	**20.3**		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-62-2	Vanadium	**0.356**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	MW
7440-66-6	Zinc	**0.625**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:13	08/28/2013 11:25	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	08/27/2013 13:16	08/27/2013 17:03	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-39-3	Barium	**0.060**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-70-2	Calcium	**82.6**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7439-95-4	Magnesium	**11.3**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7439-96-5	Manganese	**0.041**		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-09-7	Potassium	**6.92**		mg/L	0.050	0.050	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-23-5	Sodium	**19.1**		mg/L	0.100	0.100	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 13H0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0943	130146-1936 West Farms Rd, Bronx, NY	Water	August 23, 2013 3:00 pm	08/26/2013

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	**0.011**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	08/27/2013 13:16	08/27/2013 17:03	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.05000	0.05000	1	EPA SW846-7473	08/30/2013 07:49	08/30/2013 12:00	AA

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.05000	0.05000	1	EPA SW846-7473	08/28/2013 13:15	08/28/2013 17:35	AAkba

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 11:34	08/30/2013 11:38	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	**0.141**		mg/L	0.00800	0.0100	1	Calculation	08/30/2013 15:51	08/30/2013 15:58	BGS

Analytical Batch Summary

Batch ID: BH31255 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/27/13
BH31255-BLK2	Blank	08/27/13

Batch ID: BH31284 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/27/13
BH31284-BLK1	Blank	08/27/13
BH31284-SRM1	Reference	08/27/13
BH31284-SRM2	Reference	08/27/13

Batch ID: BH31285 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/27/13
BH31285-BLK1	Blank	08/27/13
BH31285-SRM1	Reference	08/27/13
BH31285-SRM2	Reference	08/27/13

Batch ID: BH31300 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/28/13
BH31300-BLK1	Blank	08/28/13
BH31300-BS1	LCS	08/28/13
BH31300-BS2	LCS	08/28/13
BH31300-BSD1	LCS Dup	08/28/13
BH31300-BSD2	LCS Dup	08/28/13

Batch ID: BH31317 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/28/13
BH31317-BLK1	Blank	08/28/13
BH31317-BS1	LCS	08/28/13
BH31317-BSD1	LCS Dup	08/28/13

Batch ID: BH31332 **Preparation Method:** EPA 7473 water **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/28/13
BH31332-BLK1	Blank	08/28/13

BH31332-SRM1	Reference	08/28/13

Batch ID: BH31426 **Preparation Method:** EPA 7473 water **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/30/13
BH31426-BLK1	Blank	08/30/13
BH31426-SRM1	Reference	08/30/13

Batch ID: BH31452 **Preparation Method:** Analysis Preparation **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/30/13
BH31452-BLK1	Blank	08/30/13
BH31452-BS1	LCS	08/30/13

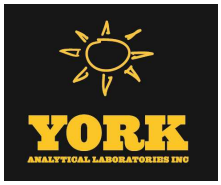
Batch ID: BH31473 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13H0943-01	MW-1	08/30/13

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
Batch BH31317 - EPA 5030B											
Blank (BH31317-BLK1)											Prepared & Analyzed: 08/28/2013
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

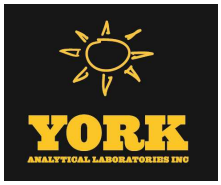
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31317 - EPA 5030B											
Blank (BH31317-BLK1)								Prepared & Analyzed: 08/28/2013			
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	*48.1*		*"*	*50.0*		*96.2*	*78-122*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*87-112*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*91-110*				
LCS (BH31317-BS1)								Prepared & Analyzed: 08/28/2013			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	90-116				
1,1,1-Trichloroethane	53		"	50.0		106	83-125				
1,1,2,2-Tetrachloroethane	48		"	50.0		96.0	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62		"	50.0		123	66-141				
1,1,2-Trichloroethane	48		"	50.0		96.4	83-116				
1,1-Dichloroethane	52		"	50.0		105	82-121				
1,1-Dichloroethylene	56		"	50.0		111	59-135				
1,1-Dichloropropylene	51		"	50.0		102	81-112				
1,2,3-Trichlorobenzene	50		"	50.0		101	74-132				
1,2,3-Trichloropropane	44		"	50.0		88.1	83-118				
1,2,4-Trichlorobenzene	50		"	50.0		99.2	72-133				
1,2,4-Trimethylbenzene	51		"	50.0		103	82-119				
1,2-Dibromo-3-chloropropane	46		"	50.0		92.6	69-134				
1,2-Dibromoethane	48		"	50.0		96.5	85-118				
1,2-Dichlorobenzene	50		"	50.0		101	87-116				
1,2-Dichloroethane	50		"	50.0		101	79-125				
1,2-Dichloropropane	50		"	50.0		101	82-119				
1,3,5-Trimethylbenzene	51		"	50.0		102	84-120				
1,3-Dichlorobenzene	52		"	50.0		104	85-116				
1,3-Dichloropropane	49		"	50.0		98.3	86-114				
1,4-Dichlorobenzene	50		"	50.0		100	84-116				
2,2-Dichloropropane	55		"	50.0		110	56-138				
2-Butanone	46		"	50.0		92.4	59-127				
2-Chlorotoluene	50		"	50.0		100	82-117				
4-Chlorotoluene	50		"	50.0		99.3	84-118				
Acetone	35		"	50.0		70.8	30-112				
Benzene	54		"	50.0		107	88-113				
Bromobenzene	50		"	50.0		99.1	85-117				
Bromochloromethane	52		"	50.0		103	80-120				
Bromodichloromethane	54		"	50.0		107	87-122				
Bromoform	50		"	50.0		99.9	83-127				
Bromomethane	68		"	50.0		136	36-135	High Bias			
Carbon tetrachloride	57		"	50.0		114	82-128				

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 BH31317 - EPA 5030B											
LCS (BH31317-BS1)								Prepared & Analyzed: 08/28/2013			
Chlorobenzene	51		ug/L	50.0		102	90-111				
Chloroethane	64		"	50.0		127	60-132				
Chloroform	53		"	50.0		107	89-116				
Chloromethane	52		"	50.0		104	39-131				
cis-1,2-Dichloroethylene	51		"	50.0		103	90-112				
cis-1,3-Dichloropropylene	55		"	50.0		109	89-124				
Dibromochloromethane	54		"	50.0		108	82-132				
Dibromomethane	50		"	50.0		99.9	83-124				
Dichlorodifluoromethane	41		"	50.0		82.8	10-143				
Ethyl Benzene	54		"	50.0		108	91-117				
Hexachlorobutadiene	52		"	50.0		104	83-129				
Isopropylbenzene	50		"	50.0		101	82-122				
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	59-135				
Methylene chloride	58		"	50.0		117	51-136				
Naphthalene	47		"	50.0		94.4	61-147				
n-Butylbenzene	52		"	50.0		104	79-122				
n-Propylbenzene	51		"	50.0		102	80-123				
o-Xylene	52		"	50.0		104	91-110				
p- & m- Xylenes	110		"	100		106	86-118				
p-Isopropyltoluene	52		"	50.0		105	83-125				
sec-Butylbenzene	53		"	50.0		105	82-127				
Styrene	52		"	50.0		105	88-121				
tert-Butylbenzene	55		"	50.0		110	70-130				
Tetrachloroethylene	45		"	50.0		90.4	67-138				
Toluene	52		"	50.0		103	88-113				
trans-1,2-Dichloroethylene	59		"	50.0		118	73-123				
trans-1,3-Dichloropropylene	52		"	50.0		104	85-123				
Trichloroethylene	51		"	50.0		102	83-120				
Trichlorofluoromethane	54		"	50.0		109	62-138				
Vinyl Chloride	54		"	50.0		108	49-127				
Vinyl acetate	17		"	50.0		33.4	21-90				
Surrogate: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.5*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*87-112*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*91-110*				



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

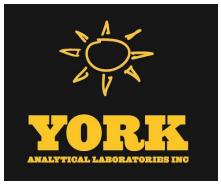
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31317 - EPA 5030B											
LCS Dup (BH31317-BSD1)								Prepared & Analyzed: 08/28/2013			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	90-116		1.00	30	
1,1,1-Trichloroethane	54		"	50.0		108	83-125		2.07	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.7	84-122		2.75	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65		"	50.0		130	66-141		5.05	30	
1,1,2-Trichloroethane	49		"	50.0		98.3	83-116		1.97	30	
1,1-Dichloroethane	38		"	50.0		75.1	82-121	Low Bias	33.1	30	Non-dir.
1,1-Dichloroethylene	58		"	50.0		115	59-135		3.54	30	
1,1-Dichloropropylene	51		"	50.0		103	81-112		0.724	30	
1,2,3-Trichlorobenzene	49		"	50.0		98.3	74-132		2.37	30	
1,2,3-Trichloropropane	46		"	50.0		92.9	83-118		5.37	30	
1,2,4-Trichlorobenzene	50		"	50.0		101	72-133		1.34	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	82-119		2.19	30	
1,2-Dibromo-3-chloropropane	50		"	50.0		99.7	69-134		7.40	30	
1,2-Dibromoethane	47		"	50.0		94.6	85-118		1.93	30	
1,2-Dichlorobenzene	50		"	50.0		99.5	87-116		1.22	30	
1,2-Dichloroethane	51		"	50.0		102	79-125		1.61	30	
1,2-Dichloropropane	49		"	50.0		97.9	82-119		2.96	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	84-120		1.19	30	
1,3-Dichlorobenzene	51		"	50.0		102	85-116		1.69	30	
1,3-Dichloropropane	48		"	50.0		96.6	86-114		1.76	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-116		0.0996	30	
2,2-Dichloropropane	56		"	50.0		111	56-138		1.10	30	
2-Butanone	49		"	50.0		98.1	59-127		5.92	30	
2-Chlorotoluene	51		"	50.0		103	82-117		2.82	30	
4-Chlorotoluene	50		"	50.0		100	84-118		1.20	30	
Acetone	37		"	50.0		73.3	30-112		3.47	30	
Benzene	54		"	50.0		107	88-113		0.130	30	
Bromobenzene	50		"	50.0		99.7	85-117		0.644	30	
Bromochloromethane	51		"	50.0		102	80-120		0.874	30	
Bromodichloromethane	52		"	50.0		105	87-122		2.34	30	
Bromoform	52		"	50.0		103	83-127		3.29	30	
Bromomethane	70		"	50.0		140	36-135	High Bias	3.17	30	
Carbon tetrachloride	57		"	50.0		114	82-128		0.210	30	
Chlorobenzene	51		"	50.0		103	90-111		0.488	30	
Chloroethane	63		"	50.0		126	60-132		0.647	30	
Chloroform	53		"	50.0		106	89-116		0.413	30	
Chloromethane	54		"	50.0		108	39-131		4.39	30	
cis-1,2-Dichloroethylene	52		"	50.0		105	90-112		2.14	30	
cis-1,3-Dichloropropylene	53		"	50.0		105	89-124		4.03	30	
Dibromochloromethane	53		"	50.0		106	82-132		2.11	30	
Dibromomethane	49		"	50.0		97.9	83-124		2.02	30	
Dichlorodifluoromethane	42		"	50.0		84.1	10-143		1.65	30	
Ethyl Benzene	53		"	50.0		107	91-117		1.10	30	
Hexachlorobutadiene	54		"	50.0		107	83-129		2.61	30	
Isopropylbenzene	52		"	50.0		103	82-122		2.14	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		111	59-135		2.97	30	
Methylene chloride	61		"	50.0		122	51-136		4.17	30	
Naphthalene	47		"	50.0		94.8	61-147		0.423	30	
n-Butylbenzene	52		"	50.0		104	79-122		0.0576	30	
n-Propylbenzene	52		"	50.0		103	80-123		1.36	30	
o-Xylene	52		"	50.0		103	91-110		0.944	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
Batch BH31317 - EPA 5030B											
LCS Dup (BH31317-BSD1)								Prepared & Analyzed: 08/28/2013			
p- & m- Xylenes	110		ug/L	100		106	86-118		0.453	30	
p-Isopropyltoluene	52		"	50.0		105	83-125		0.0954	30	
sec-Butylbenzene	52		"	50.0		105	82-127		0.362	30	
Styrene	52		"	50.0		104	88-121		1.05	30	
tert-Butylbenzene	55		"	50.0		109	70-130		0.730	30	
Tetrachloroethylene	48		"	50.0		96.1	67-138		6.16	30	
Toluene	51		"	50.0		103	88-113		0.932	30	
trans-1,2-Dichloroethylene	62		"	50.0		124	73-123	High Bias	5.60	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	85-123		0.192	30	
Trichloroethylene	51		"	50.0		101	83-120		1.08	30	
Trichlorofluoromethane	55		"	50.0		110	62-138		1.35	30	
Vinyl Chloride	55		"	50.0		111	49-127		2.60	30	
Vinyl acetate	9.9		"	50.0		19.8	21-90	Low Bias	51.4	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.9*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*87-112*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*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

Batch BH31255 - EPA 3510C

Blank (BH31255-BLK2) Prepared: 08/27/2013 Analyzed: 08/28/2013

Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	10.0	"								
2,4-Dinitrophenol	ND	10.0	"								
2,6-Dinitrotoluene	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								

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 BH31255 - EPA 3510C											
Blank (BH31255-BLK2)											
Prepared: 08/27/2013 Analyzed: 08/28/2013											
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	"								
Surrogate: 2,4,6-Tribromophenol	*46.6*		*"*	*78.4*		*59.5*	*17-127*				
Surrogate: 2-Fluorobiphenyl	*26.1*		*"*	*50.0*		*52.3*	*14-101*				
Surrogate: 2-Fluorophenol	*17.1*		*"*	*74.6*		*23.0*	*10-52*				
Surrogate: Nitrobenzene-d5	*28.4*		*"*	*50.8*		*55.8*	*12-112*				
Surrogate: Phenol-d5	*11.1*		*"*	*75.3*		*14.7*	*10-117*				
Surrogate: Terphenyl-d14	*31.9*		*"*	*51.0*		*62.5*	*10-151*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31300 - EPA SW846-3510C Low Level											
Blank (BH31300-BLK1)								Prepared & Analyzed: 08/28/2013			
Toxaphene	ND	0.0500	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0892*		*"*	*0.200*		*44.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.133*		*"*	*0.201*		*66.2*	*30-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31300 - EPA SW846-3510C Low Level											
LCS (BH31300-BS1)								Prepared & Analyzed: 08/28/2013			
Methoxychlor	0.0746	0.00500	ug/L	0.100		74.6	40-140				
Heptachlor epoxide	0.0507	0.00100	"	0.100		50.7	40-140				
Heptachlor	0.0502	0.00100	"	0.100		50.2	40-140				
gamma-BHC (Lindane)	0.0483	0.00100	"	0.100		48.3	40-140				
Endrin ketone	0.0958	0.00100	"	0.100		95.8	40-140				
Endrin aldehyde	0.0672	0.00100	"	0.100		67.2	40-140				
Endrin	0.0606	0.00100	"	0.100		60.6	40-140				
Endosulfan sulfate	0.0610	0.00100	"	0.100		61.0	40-140				
Endosulfan II	0.0560	0.00100	"	0.100		56.0	40-140				
Endosulfan I	0.0555	0.00100	"	0.100		55.5	40-140				
Dieldrin	0.0548	0.00100	"	0.100		54.8	40-140				
delta-BHC	0.0540	0.00100	"	0.100		54.0	40-140				
beta-BHC	0.0501	0.00100	"	0.100		50.1	40-140				
alpha-BHC	0.0467	0.00100	"	0.100		46.7	40-140				
Aldrin	0.0441	0.00100	"	0.100		44.1	40-140				
4,4'-DDT	0.0759	0.00100	"	0.100		75.9	40-140				
4,4'-DDE	0.0506	0.00100	"	0.100		50.6	40-140				
4,4'-DDD	0.0628	0.00100	"	0.100		62.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0797*		*"*	*0.200*		*39.9*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.139*		*"*	*0.201*		*69.3*	*30-150*				
LCS (BH31300-BS2)								Prepared & Analyzed: 08/28/2013			
Aroclor 1260	0.716	0.0500	ug/L	1.00		71.6	40-140				
Aroclor 1016	0.687	0.0500	"	1.00		68.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0780*		*"*	*0.200*		*39.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.122*		*"*	*0.201*		*60.7*	*30-150*				
LCS Dup (BH31300-BSD1)								Prepared & Analyzed: 08/28/2013			
Methoxychlor	0.0601	0.00500	ug/L	0.100		60.1	40-140		21.6	200	
Heptachlor epoxide	0.0491	0.00100	"	0.100		49.1	40-140		3.15	200	
Heptachlor	0.0501	0.00100	"	0.100		50.1	40-140		0.0598	200	
gamma-BHC (Lindane)	0.0475	0.00100	"	0.100		47.5	40-140		1.74	200	
Endrin ketone	0.0675	0.00100	"	0.100		67.5	40-140		34.6	200	
Endrin aldehyde	0.0587	0.00100	"	0.100		58.7	40-140		13.4	200	
Endrin	0.0568	0.00100	"	0.100		56.8	40-140		6.45	200	
Endosulfan sulfate	0.0533	0.00100	"	0.100		53.3	40-140		13.5	200	
Endosulfan II	0.0511	0.00100	"	0.100		51.1	40-140		9.24	200	
Endosulfan I	0.0531	0.00100	"	0.100		53.1	40-140		4.48	200	
Dieldrin	0.0516	0.00100	"	0.100		51.6	40-140		6.05	200	
delta-BHC	0.0572	0.00100	"	0.100		57.2	40-140		5.78	200	
beta-BHC	0.0492	0.00100	"	0.100		49.2	40-140		1.92	200	
alpha-BHC	0.0457	0.00100	"	0.100		45.7	40-140		2.29	200	
Aldrin	0.0440	0.00100	"	0.100		44.0	40-140		0.0931	200	
4,4'-DDT	0.0656	0.00100	"	0.100		65.6	40-140		14.7	200	
4,4'-DDE	0.0477	0.00100	"	0.100		47.7	40-140		5.85	200	
4,4'-DDD	0.0569	0.00100	"	0.100		56.9	40-140		9.83	200	
Surrogate: Tetrachloro-m-xylene	*0.0784*		*"*	*0.200*		*39.2*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.125*		*"*	*0.201*		*62.3*	*30-150*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31300 - EPA SW846-3510C Low Level											
LCS Dup (BH31300-BSD2)								Prepared & Analyzed: 08/28/2013			
Aroclor 1260	0.672	0.0500	ug/L	1.00		67.2	40-140		6.34	200	
Aroclor 1016	0.619	0.0500	"	1.00		61.9	40-140		10.4	200	
Surrogate: Tetrachloro-m-xylene	*0.0750*		*"*	*0.200*		*37.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.130*		*"*	*0.201*		*64.7*	*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
Batch BH31284 - EPA 3010A											
Blank (BH31284-BLK1)											Prepared & Analyzed: 08/27/2013
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	"								
Reference (BH31284-SRM1)											Prepared: 08/27/2013 Analyzed: 08/28/2013
Aluminum	ND	0.010	mg/L	0.366			74.9-126	Low Bias			
Antimony	ND	0.005	"	0.102			59.4-125	Low Bias			
Arsenic	ND	0.004	"	0.482			83.8-117	Low Bias			
Barium	ND	0.010	"	1.92			87-113	Low Bias			
Beryllium	ND	0.001	"	0.667			85-113	Low Bias			
Cadmium	ND	0.003	"	0.293			85.3-114	Low Bias			
Chromium	ND	0.005	"	0.276			86.6-113	Low Bias			
Cobalt	ND	0.005	"	0.562			87.9-112	Low Bias			
Copper	ND	0.003	"	0.522			90-110	Low Bias			
Iron	ND	0.020	"	1.39			88.4-113	Low Bias			
Lead	ND	0.003	"	1.48			87.8-111	Low Bias			
Manganese	ND	0.005	"	0.389			89.5-111	Low Bias			
Nickel	ND	0.005	"	1.34			90.3-112	Low Bias			
Selenium	ND	0.010	"	0.541			79.1-116	Low Bias			
Silver	ND	0.005	"	0.359			85.8-114	Low Bias			
Thallium	ND	0.005	"	0.579			81-120	Low Bias			
Vanadium	ND	0.010	"	0.484			87.6-112	Low Bias			
Zinc	ND	0.010	"	1.30			86.2-115	Low Bias			

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31284 - EPA 3010A											
Reference (BH31284-SRM2)								Prepared: 08/27/2013 Analyzed: 08/28/2013			
Calcium	ND	0.050	mg/L	62.7			86-114	Low Bias			
Magnesium	ND	0.050	"	29.0			86.2-114	Low Bias			
Potassium	ND	0.050	"	32.4			85.2-115	Low Bias			
Sodium	ND	0.100	"	85.1			85-115	Low Bias			
Batch BH31285 - EPA 3010A											
Blank (BH31285-BLK1)								Prepared & Analyzed: 08/27/2013			
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	"								

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31285 - EPA 3010A											
Reference (BH31285-SRM1)								Prepared & Analyzed: 08/27/2013			
Aluminum - Dissolved	0.365	0.010	mg/L	0.366		99.7	74.9-126				
Antimony - Dissolved	0.088	0.005	"	0.102		86.4	59.4-125				
Arsenic - Dissolved	0.433	0.004	"	0.482		89.8	83.8-117				
Barium - Dissolved	1.90	0.010	"	1.92		99.2	87-113				
Beryllium - Dissolved	0.624	0.001	"	0.667		93.5	85-113				
Cadmium - Dissolved	0.266	0.003	"	0.293		90.7	85.3-114				
Chromium - Dissolved	0.255	0.005	"	0.276		92.5	86.6-113				
Cobalt - Dissolved	0.551	0.005	"	0.562		98.0	87.9-112				
Copper - Dissolved	0.485	0.003	"	0.522		92.9	90-110				
Iron - Dissolved	1.35	0.020	"	1.39		97.3	88.4-113				
Lead - Dissolved	1.41	0.003	"	1.48		94.9	87.8-111				
Manganese - Dissolved	0.383	0.005	"	0.389		98.5	89.5-111				
Nickel - Dissolved	1.23	0.005	"	1.34		91.7	90.3-112				
Selenium - Dissolved	0.473	0.010	"	0.541		87.4	79.1-116				
Silver - Dissolved	0.325	0.005	"	0.359		90.5	85.8-114				
Thallium - Dissolved	0.554	0.005	"	0.579		95.7	81-120				
Vanadium - Dissolved	0.425	0.010	"	0.484		87.9	87.6-112				
Zinc - Dissolved	1.20	0.010	"	1.30		91.9	86.2-115				
Reference (BH31285-SRM2)								Prepared & Analyzed: 08/27/2013			
Calcium - Dissolved	62.7	0.050	mg/L	62.7		100	86-114				
Magnesium - Dissolved	28.6	0.050	"	29.0		98.7	86.2-114				
Potassium - Dissolved	34.4	0.050	"	32.4		106	85.2-115				
Sodium - Dissolved	84.5	0.100	"	85.1		99.3	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 BH31332 - EPA 7473 water											
Blank (BH31332-BLK1)								Prepared & Analyzed: 08/28/2013			
Mercury - Dissolved	ND	0.05000	ug/L								
Reference (BH31332-SRM1)								Prepared & Analyzed: 08/28/2013			
Mercury - Dissolved	0.024000		mg/kg	0.0230		104	61.3-135				
Batch BH31426 - EPA 7473 water											
Blank (BH31426-BLK1)								Prepared & Analyzed: 08/30/2013			
Mercury	ND	0.05000	ug/L								
Reference (BH31426-SRM1)								Prepared & Analyzed: 08/30/2013			
Mercury	0.024000		mg/kg	0.0230		104	61.3-135				

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 BH31452 - Analysis Preparation											
Blank (BH31452-BLK1)									Prepared & Analyzed: 08/30/2013		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BH31452-BS1)									Prepared & Analyzed: 08/30/2013		
Chromium, Hexavalent	56.7	1.00	mg/L	50.0		113	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13H0943-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
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-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.

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 submitted sample for Chromium Hexavalent & Trivalent Out of Hold Time - 08/27/2013

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13H0943

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	130146 - 1936 West Farms Rd, Bronx, NY	RUSH-Same Day
Address: 15 Ocean Ave, 2nd Fl	Name:	Name: Muslima Ward		RUSH-Next Day
Brooklyn, NY 11225	Company:	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day
Phone.: 718-636-0800	Address:	Address: 77 Arkay Drive, Suite G		RUSH-Three Day
Contact: Sasha Rothenberg		Hauppauge, NY 11788	5751	RUSH-Four Day
E-mail: srothenberg@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvironmental.com	Samples from CT__NY_x_NJ__	Standard (5-7day) X

Report/Deliverable Type	
Summary Report	X
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel
compared to:
NYSDEC Groundwater quality standard

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)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1	8/23/2013	GW	EPA 8260, 8270, 8081/8082, TAL metals (filtered and unfiltered), Chromium hexavalent and trivalent	glass amber, 40 ml vials, 500 and 250 ml plastic

Comments:

E Designation

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

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
J Martinez	8/26/13 10AM	H Baker	8/26/13 10:50
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		J. Hale	8/26/13-1750

Temperature on Receipt 4.2 °C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Sasha Rothenberg

Report Date: 08/28/2013
Client Project ID: 130146-1936 West Farms Rd Bronx, NY
York Project (SDG) No.: 13H0956

Report Date: 08/28/2013
Client Project ID: 130146-1936 West Farms Rd Bronx, NY
York Project (SDG) No.: 13H0956

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 26, 2013 and listed below. The project was identified as your project: **130146-1936 West Farms Rd Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H0956-01	SV-1	Soil Vapor	08/23/2013	08/26/2013
13H0956-02	SV-2	Soil Vapor	08/23/2013	08/26/2013
13H0956-03	SV-3	Soil Vapor	08/23/2013	08/26/2013
13H0956-04	SV-4	Soil Vapor	08/23/2013	08/26/2013
13H0956-05	SV-5	Soil Vapor	08/23/2013	08/26/2013

General Notes for York Project (SDG) No.: 13H0956

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

Approved By: 

Date: 08/28/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13H0956-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.2	5.2	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
108-05-4	Vinyl acetate	ND		ug/m³	7.2	7.2	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.5	5.5	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.1	8.1	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
108-88-3	Toluene	ND		ug/m³	7.7	7.7	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	6.0	6.0	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
127-18-4	Tetrachloroethylene	**39**		ug/m³	14	14	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
100-42-5	Styrene	ND		ug/m³	8.7	8.7	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
115-07-01	Propylene	ND		ug/m³	3.5	3.5	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	50	50	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
95-47-6	o-Xylene	ND		ug/m³	8.9	8.9	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
110-54-3	n-Hexane	ND		ug/m³	7.2	7.2	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
142-82-5	n-Heptane	ND		ug/m³	8.4	8.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-09-2	Methylene chloride	ND		ug/m³	7.1	7.1	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.4	7.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.4	8.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
67-63-0	Isopropanol	ND		ug/m³	5.0	5.0	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.9	8.9	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.4	7.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
110-82-7	Cyclohexane	ND		ug/m³	7.1	7.1	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.3	9.3	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.1	8.1	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
74-87-3	Chloromethane	ND		ug/m³	4.2	4.2	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
67-66-3	Chloroform	**74**		ug/m³	10	10	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-00-3	Chloroethane	ND		ug/m³	5.4	5.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.4	6.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-15-0	Carbon disulfide	ND		ug/m³	6.4	6.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
74-83-9	Bromomethane	ND		ug/m³	8.0	8.0	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-25-2	Bromoform	ND		ug/m³	21	21	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 13H0956-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
71-43-2	Benzene	ND		ug/m³	6.6	6.6	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
67-64-1	Acetone	**490**		ug/m³	4.9	4.9	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
591-78-6	2-Hexanone	ND		ug/m³	8.4	8.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
78-93-3	2-Butanone	**22**		ug/m³	6.0	6.0	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.4	7.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
106-99-0	1,3-Butadiene	ND		ug/m³	8.9	8.9	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.5	9.5	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.3	8.3	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
95-63-6	1,2,4-Trimethylbenzene	**11**		ug/m³	10	10	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.1	8.1	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.3	8.3	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	16	16	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.4	8.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB
108-90-7	Chlorobenzene	ND		ug/m³	9.4	9.4	20.16	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 14:32	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.3 %*	*70-130*

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 13H0956-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.5	4.5	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.2	6.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
79-01-6	Trichloroethylene	ND		ug/m³	4.7	4.7	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
108-88-3	Toluene	ND		ug/m³	6.6	6.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.2	5.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
100-42-5	Styrene	ND		ug/m³	7.5	7.5	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
115-07-01	Propylene	ND		ug/m³	3.0	3.0	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	43	43	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	15	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
95-47-6	o-Xylene	ND		ug/m³	7.6	7.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
110-54-3	n-Hexane	**180**		ug/m³	6.2	6.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
142-82-5	n-Heptane	ND		ug/m³	7.2	7.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-09-2	Methylene chloride	**250**		ug/m³	6.1	6.1	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.3	6.3	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.2	7.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
67-63-0	Isopropanol	**27**		ug/m³	4.3	4.3	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
100-41-4	Ethyl Benzene	ND		ug/m³	7.6	7.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.3	6.3	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
110-82-7	Cyclohexane	ND		ug/m³	6.0	6.0	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
74-87-3	Chloromethane	ND		ug/m³	3.6	3.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
67-66-3	Chloroform	ND		ug/m³	8.5	8.5	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-00-3	Chloroethane	ND		ug/m³	4.6	4.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.5	5.5	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.4	5.4	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
74-83-9	Bromomethane	ND		ug/m³	6.8	6.8	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-25-2	Bromoform	ND		ug/m³	18	18	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 13H0956-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.1	9.1	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
71-43-2	Benzene	ND		ug/m³	5.6	5.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
67-64-1	Acetone	**190**		ug/m³	4.2	4.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
591-78-6	2-Hexanone	ND		ug/m³	7.2	7.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
78-93-3	2-Butanone	ND		ug/m³	5.2	5.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	6.3	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
106-99-0	1,3-Butadiene	ND		ug/m³	7.6	7.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.6	8.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.1	8.1	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.1	7.1	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.6	8.6	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.9	6.9	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.1	7.1	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.8	9.8	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.5	9.5	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	13	13	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.5	9.5	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.7	8.7	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.2	7.2	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.1	8.1	17.2	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:13	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*70-130*

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 13H0956-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.6	5.6	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
108-05-4	Vinyl acetate	ND		ug/m³	7.6	7.6	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.8	5.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.9	9.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.6	8.6	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
108-88-3	Toluene	**26**		ug/m³	8.2	8.2	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	6.4	6.4	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
127-18-4	Tetrachloroethylene	**68**		ug/m³	15	15	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
100-42-5	Styrene	ND		ug/m³	9.3	9.3	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
115-07-01	Propylene	**42**		ug/m³	3.7	3.7	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	53	53	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
179601-23-1	p- & m- Xylenes	**23**		ug/m³	19	19	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
95-47-6	o-Xylene	**13**		ug/m³	9.4	9.4	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
110-54-3	n-Hexane	**58**		ug/m³	7.7	7.7	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
142-82-5	n-Heptane	**21**		ug/m³	8.9	8.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-09-2	Methylene chloride	**29**		ug/m³	7.5	7.5	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	**10**		ug/m³	7.8	7.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.9	8.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
67-63-0	Isopropanol	ND		ug/m³	5.3	5.3	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	23	23	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
100-41-4	Ethyl Benzene	ND		ug/m³	9.4	9.4	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.8	7.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
110-82-7	Cyclohexane	ND		ug/m³	7.5	7.5	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.9	9.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.6	8.6	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
74-87-3	Chloromethane	ND		ug/m³	4.5	4.5	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
67-66-3	Chloroform	**25**		ug/m³	11	11	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-00-3	Chloroethane	ND		ug/m³	5.7	5.7	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.8	6.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-15-0	Carbon disulfide	**21**		ug/m³	6.8	6.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
74-83-9	Bromomethane	ND		ug/m³	8.4	8.4	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-25-2	Bromoform	ND		ug/m³	22	22	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 13H0956-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

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
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
71-43-2	Benzene	ND		ug/m³	6.9	6.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
67-64-1	Acetone	**760**		ug/m³	5.2	5.2	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
591-78-6	2-Hexanone	ND		ug/m³	8.9	8.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
78-93-3	2-Butanone	**37**		ug/m³	6.4	6.4	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.8	7.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
106-99-0	1,3-Butadiene	ND		ug/m³	9.4	9.4	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	11	11	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	10	10	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.8	8.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
95-63-6	1,2,4-Trimethylbenzene	**12**		ug/m³	11	11	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.6	8.6	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.8	8.8	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**37**		ug/m³	12	12	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	12	12	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	17	17	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	15	15	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	12	12	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	11	11	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	17	17	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.9	8.9	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
108-90-7	Chlorobenzene	ND		ug/m³	10	10	21.36	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 15:55	RB
	Surrogate Recoveries	**Result**			**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.6 %*			*70-130*						

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13H0956-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.3	5.3	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
108-05-4	Vinyl acetate	ND		ug/m³	7.4	7.4	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.6	5.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
108-88-3	Toluene	**17**		ug/m³	7.9	7.9	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	6.2	6.2	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
127-18-4	Tetrachloroethylene	**31**		ug/m³	14	14	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
100-42-5	Styrene	ND		ug/m³	8.9	8.9	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
115-07-01	Propylene	**20**		ug/m³	3.6	3.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	51	51	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
95-47-6	o-Xylene	**9.1**		ug/m³	9.1	9.1	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
110-54-3	n-Hexane	**8.1**		ug/m³	7.4	7.4	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
142-82-5	n-Heptane	ND		ug/m³	8.6	8.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-09-2	Methylene chloride	ND		ug/m³	7.3	7.3	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.5	7.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.6	8.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
67-63-0	Isopropanol	ND		ug/m³	5.1	5.1	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
100-41-4	Ethyl Benzene	ND		ug/m³	9.1	9.1	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.5	7.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
110-82-7	Cyclohexane	ND		ug/m³	7.2	7.2	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
67-66-3	Chloroform	ND		ug/m³	10	10	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.6	6.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-15-0	Carbon disulfide	**9.1**		ug/m³	6.5	6.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
74-83-9	Bromomethane	ND		ug/m³	8.1	8.1	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-25-2	Bromoform	ND		ug/m³	22	22	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13H0956-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

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
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
71-43-2	Benzene	ND		ug/m³	6.7	6.7	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
67-64-1	Acetone	**1200**	E	ug/m³	5.0	5.0	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
591-78-6	2-Hexanone	ND		ug/m³	8.6	8.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
78-93-3	2-Butanone	**31**		ug/m³	6.2	6.2	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.5	7.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
106-99-0	1,3-Butadiene	ND		ug/m³	9.1	9.1	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.7	9.7	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.5	8.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
95-63-6	1,2,4-Trimethylbenzene	**13**		ug/m³	10	10	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.3	8.3	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.5	8.5	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**21**		ug/m³	12	12	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	16	16	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.6	8.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB
108-90-7	Chlorobenzene	ND		ug/m³	9.6	9.6	20.57	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 16:36	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.9 %*	*70-130*

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 13H0956-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.0	5.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.9	6.9	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
79-01-6	Trichloroethylene	ND		ug/m³	5.3	5.3	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
108-88-3	Toluene	**20**		ug/m³	7.4	7.4	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.8	5.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
127-18-4	Tetrachloroethylene	**42**		ug/m³	13	13	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
100-42-5	Styrene	ND		ug/m³	8.3	8.3	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
115-07-01	Propylene	ND		ug/m³	3.4	3.4	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	48	48	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
179601-23-1	p- & m- Xylenes	**28**		ug/m³	17	17	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
95-47-6	o-Xylene	**12**		ug/m³	8.5	8.5	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
110-54-3	n-Hexane	ND		ug/m³	6.9	6.9	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
142-82-5	n-Heptane	ND		ug/m³	8.0	8.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-09-2	Methylene chloride	ND		ug/m³	6.8	6.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.0	7.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.0	8.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
67-63-0	Isopropanol	ND		ug/m³	4.8	4.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.5	8.5	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
141-78-6	Ethyl acetate	ND		ug/m³	7.1	7.1	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
110-82-7	Cyclohexane	ND		ug/m³	6.7	6.7	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
74-87-3	Chloromethane	ND		ug/m³	4.0	4.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
67-66-3	Chloroform	ND		ug/m³	9.6	9.6	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-00-3	Chloroethane	ND		ug/m³	5.2	5.2	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.2	6.2	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-15-0	Carbon disulfide	ND		ug/m³	6.1	6.1	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
74-83-9	Bromomethane	ND		ug/m³	7.6	7.6	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-25-2	Bromoform	ND		ug/m³	20	20	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 13H0956-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H0956	130146-1936 West Farms Rd Bronx, NY	Soil Vapor	August 23, 2013 3:00 pm	08/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
71-43-2	Benzene	ND		ug/m³	6.3	6.3	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
67-64-1	Acetone	**1300**	E	ug/m³	4.6	4.6	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
591-78-6	2-Hexanone	ND		ug/m³	8.0	8.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
78-93-3	2-Butanone	**100**		ug/m³	5.8	5.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
123-91-1	1,4-Dioxane	ND		ug/m³	7.1	7.1	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
106-99-0	1,3-Butadiene	ND		ug/m³	8.5	8.5	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.6	9.6	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.0	9.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.9	7.9	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
95-63-6	1,2,4-Trimethylbenzene	**23**		ug/m³	9.6	9.6	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.8	7.8	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.9	7.9	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.7	9.7	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.0	8.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB
108-90-7	Chlorobenzene	ND		ug/m³	9.0	9.0	19.24	EPA Compendium TO-15	08/27/2013 12:06	08/27/2013 17:19	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*70-130*

Analytical Batch Summary

Batch ID: BH31272 **Preparation Method:** EPA TO15 PREP **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
13H0956-01	SV-1	08/27/13
13H0956-02	SV-2	08/27/13
13H0956-03	SV-3	08/27/13
13H0956-04	SV-4	08/27/13
13H0956-05	SV-5	08/27/13
BH31272-BLK1	Blank	08/27/13
BH31272-BS1	LCS	08/27/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31272 - EPA TO15 PREP											
Blank (BH31272-BLK1)											Prepared & Analyzed: 08/27/2013
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31272 - EPA TO15 PREP											
Blank (BH31272-BLK1)								Prepared & Analyzed: 08/27/2013			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*7.77*		*ppbv*	*10.0*		*77.7*	*70-130*				
LCS (BH31272-BS1)								Prepared & Analyzed: 08/27/2013			
Vinyl Chloride	11.0		ppbv	10.5		105	70-130				
Vinyl acetate	12.3		"	10.4		119	58.1-135				
Trichloroethylene	10.9		"	10.6		102	70-130				
trans-1,3-Dichloropropylene	12.2		"	11.5		106	62-135				
trans-1,2-Dichloroethylene	10.7		"	10.3		104	58.3-130				
Toluene	11.4		"	11.0		104	64.9-126				
Tetrahydrofuran	12.4		"	10.8		115	44.6-146				
Tetrachloroethylene	11.3		"	10.8		105	70-130				
Styrene	12.7		"	10.9		117	66.4-132				
Propylene	12.2		"	11.5		106	62.4-150				
p-Ethyltoluene	12.8		"	10.4		124	73.8-146				
p- & m- Xylenes	23.6		"	21.8		108	56.6-136				
o-Xylene	12.0		"	11.0		110	67.8-133				
n-Hexane	11.6		"	10.9		106	59.7-130				
n-Heptane	11.6		"	10.9		106	62.3-134				
Methylene chloride	9.81		"	9.70		101	62.6-130				
Methyl tert-butyl ether (MTBE)	11.7		"	10.3		113	60.7-139				
4-Methyl-2-pentanone	11.7		"	10.6		110	64.5-158				
Isopropanol	13.1		"	10.9		120	60-150				
Hexachlorobutadiene	12.0		"	10.2		117	61.2-150				
Ethyl Benzene	11.7		"	11.0		106	68.4-125				
Ethyl acetate	12.7		"	11.0		116	40.6-150				
Cyclohexane	11.8		"	10.8		109	60.4-127				
cis-1,3-Dichloropropylene	11.5		"	10.9		106	65.5-129				
cis-1,2-Dichloroethylene	10.7		"	10.8		99.4	51.3-118				
Chloromethane	10.2		"	10.3		98.7	64.9-130				
Chloroform	11.1		"	11.0		101	65.1-130				
Chloroethane	10.8		"	10.3		105	52.1-131				
Carbon tetrachloride	10.5		"	10.5		100	70-130				
Carbon disulfide	11.2		"	10.5		106	61.8-111				
Bromomethane	10.5		"	10.5		100	60.1-140				
Bromoform	11.8		"	10.9		109	58.7-150				
Bromodichloromethane	10.6		"	10.6		100	65.3-127				
Benzyl chloride	12.8		"	10.8		119	62.5-150				
Benzene	11.3		"	10.8		105	69.5-130				
Acetone	11.2		"	11.0		102	55.3-133				
2-Hexanone	10.5		"	10.9		96.1	52-150				
2-Butanone	12.5		"	10.9		114	28.5-154				
1,4-Dioxane	13.6		"	10.6		129	50-150				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31272 - EPA TO15 PREP											
LCS (BH31272-BS1)								Prepared & Analyzed: 08/27/2013			
1,4-Dichlorobenzene	12.6		ppbv	10.9		116	62.5-139				
1,3-Dichlorobenzene	12.7		"	10.8		118	71.9-153				
1,3-Butadiene	12.0		"	10.9		110	66.7-127				
1,3,5-Trimethylbenzene	12.6		"	11.0		114	65-152				
1,2-Dichlorotetrafluoroethane	10.6		"	10.5		101	63.3-129				
1,2-Dichloropropane	11.3		"	11.0		103	21.3-152				
1,2-Dichloroethane	10.6		"	10.7		99.0	51.2-124				
1,2-Dichlorobenzene	12.6		"	10.7		118	63.7-148				
1,2,4-Trimethylbenzene	12.9		"	11.0		117	67.9-152				
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	58-147				
1,1-Dichloroethylene	9.90		"	9.60		103	58.1-130				
1,1-Dichloroethane	10.6		"	10.3		103	63.3-130				
Trichlorofluoromethane (Freon 11)	10.1		"	11.0		91.5	56-132				
1,1,2-Trichloroethane	11.6		"	11.0		106	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57		"	9.20		104	60.2-125				
1,1,2,2-Tetrachloroethane	12.4		"	11.0		113	63.7-132				
1,1,1-Trichloroethane	10.5		"	10.5		100	58.2-126				
Dichlorodifluoromethane	10.0		"	10.2		98.3	62.8-133				
1,2-Dibromoethane	11.7		"	11.0		106	70-130				
Dibromochloromethane	11.2		"	10.7		104	70-130				
Methyl Methacrylate	10.7		"	10.7		100	70-130				
Chlorobenzene	11.3		"	11.0		103	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

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.

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

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13H0956

YOUR Information
Company: ~~South~~ Hydro Tech Env
Address: 15 Crean Ave, 2nd Fl Brooklyn, NY
Phone No. 718-636-0800
Contact Person: Sasha Rothenberg
E-Mail Address: srothenberg@hydrotechenvnyc.com

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

Invoice To:
Company: Hydro Tech Env
Address: 77 Arlon Drive Hauppauge, NY
Phone No. 631-462-5866
Attention: Mushma Vard
E-Mail Address: mvard@hydrotechenvnyc.com

YOUR Project ID
130956-
1936 West Farms Rd
Bronx, NY

Purchase Order No.
5750

Samples from: CT___ NY X NJ___

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

Report Type/Deliverables
- Summary Report X
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ___
- NJDEP Reduced ___

Electronic Deliverables:
- EDD (Specify Type) X
- Standard Excel ___
- Regulatory Comparison Excel X

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)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- **Project Specific List by TO-15**
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER___

Detection Limits Required
- ≤ 1 ug/m³ X
- NYSDEC VI Limits___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other___

Special Instructions
NYSDOH Guidance

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	8/23/13	AS			TO-15	6 Liter Summa canister X / Tedlar Bag ___
SV-2	X	X			X	6 Liter Summa canister X / Tedlar Bag ___
SV-3	X	X			X	6 Liter Summa canister X / Tedlar Bag ___
SV-4	X	X			X	6 Liter Summa canister X / Tedlar Bag ___
SV-5	X	X			X	6 Liter Summa canister X / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___
						6 Liter Summa canister ___ / Tedlar Bag ___

Comments
E Designation

Samples Relinquished By — Date/Time: 8/26/13 1245
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 8/26/13 1245
Samples Received in LAB by — Date/Time: 8/26/13 1750

Technical Report

prepared for:

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

Report Date: 08/29/2013
Client Project ID: 1936 West farms Rd Bronx, NY
York Project (SDG) No.: 13H1042

Report Date: 08/29/2013
Client Project ID: 1936 West farms Rd Bronx, NY
York Project (SDG) No.: 13H1042

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

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: **1936 West farms Rd Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13H1042-01	OA-1/Y54	Outdoor Ambient Ai	08/27/2013	08/28/2013

General Notes for York Project (SDG) No.: 13H1042

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

Approved By: 

Date: 08/29/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: OA-1/Y54 **York Sample ID:** 13H1042-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H1042	1936 West farms Rd Bronx, NY	Outdoor Ambient Air	August 27, 2013 3:00 pm	08/28/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
108-88-3	Toluene	**1.6**		ug/m³	0.38	0.38	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
109-99-9	Tetrahydrofuran	**0.90**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
127-18-4	Tetrachloroethylene	**0.83**		ug/m³	0.69	0.69	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
100-42-5	Styrene	**0.43**		ug/m³	0.43	0.43	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
179601-23-1	p- & m- Xylenes	**1.6**		ug/m³	0.88	0.88	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
95-47-6	o-Xylene	**0.66**		ug/m³	0.44	0.44	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
110-54-3	n-Hexane	**0.86**		ug/m³	0.36	0.36	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
142-82-5	n-Heptane	**0.54**		ug/m³	0.42	0.42	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-09-2	Methylene chloride	**3.9**		ug/m³	0.35	0.35	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
108-10-1	4-Methyl-2-pentanone	**1.0**		ug/m³	0.42	0.42	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
67-63-0	Isopropanol	**6.0**		ug/m³	0.25	0.25	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
100-41-4	Ethyl Benzene	**0.53**		ug/m³	0.44	0.44	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
110-82-7	Cyclohexane	**0.53**		ug/m³	0.35	0.35	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
74-87-3	Chloromethane	**1.7**		ug/m³	0.21	0.21	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
67-66-3	Chloroform	**0.55**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
56-23-5	Carbon tetrachloride	**1.0**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB

Sample Information

Client Sample ID: OA-1/Y54 **York Sample ID:** 13H1042-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13H1042	1936 West farms Rd Bronx, NY	Outdoor Ambient Air	August 27, 2013 3:00 pm	08/28/2013

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
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
71-43-2	Benzene	**0.71**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
67-64-1	Acetone	**30**		ug/m³	0.24	0.24	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
78-93-3	2-Butanone	**4.0**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
108-67-8	1,3,5-Trimethylbenzene	**0.55**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
95-63-6	1,2,4-Trimethylbenzene	**1.2**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**2.2**		ug/m³	0.57	0.57	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**1.2**		ug/m³	0.78	0.78	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
75-71-8	Dichlorodifluoromethane	**3.7**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	08/28/2013 07:41	08/29/2013 06:18	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-130*

Analytical Batch Summary

Batch ID: BH31301 **Preparation Method:** EPA TO15 PREP **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
13H1042-01	OA-1/Y54	08/28/13
BH31301-BLK1	Blank	08/28/13
BH31301-BS1	LCS	08/28/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31301 - EPA TO15 PREP											
Blank (BH31301-BLK1)											Prepared & Analyzed: 08/28/2013
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31301 - EPA TO15 PREP											
Blank (BH31301-BLK1)								Prepared & Analyzed: 08/28/2013			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*7.01*		*ppbv*	*10.0*		*70.1*	*70-130*				
LCS (BH31301-BS1)								Prepared & Analyzed: 08/28/2013			
Vinyl Chloride	3.01		ppbv	10.5		28.7	70-130	Low Bias			
Vinyl acetate	2.79		"	10.4		26.8	58.1-135	Low Bias			
Trichloroethylene	2.69		"	10.6		25.4	70-130	Low Bias			
trans-1,3-Dichloropropylene	2.87		"	11.5		25.0	62-135	Low Bias			
trans-1,2-Dichloroethylene	2.71		"	10.3		26.3	58.3-130	Low Bias			
Toluene	2.71		"	11.0		24.6	64.9-126	Low Bias			
Tetrahydrofuran	2.85		"	10.8		26.4	44.6-146	Low Bias			
Tetrachloroethylene	2.85		"	10.8		26.4	70-130	Low Bias			
Styrene	2.94		"	10.9		27.0	66.4-132	Low Bias			
Propylene	3.25		"	11.5		28.3	62.4-150	Low Bias			
p-Ethyltoluene	2.78		"	10.4		26.7	73.8-146	Low Bias			
p- & m- Xylenes	5.42		"	21.8		24.9	56.6-136	Low Bias			
o-Xylene	2.74		"	11.0		24.9	67.8-133	Low Bias			
n-Hexane	2.88		"	10.9		26.4	59.7-130	Low Bias			
n-Heptane	2.81		"	10.9		25.8	62.3-134	Low Bias			
Methylene chloride	2.49		"	9.70		25.7	62.6-130	Low Bias			
Methyl tert-butyl ether (MTBE)	2.76		"	10.3		26.8	60.7-139	Low Bias			
4-Methyl-2-pentanone	2.47		"	10.6		23.3	64.5-158	Low Bias			
Isopropanol	3.31		"	10.9		30.4	60-150	Low Bias			
Hexachlorobutadiene	2.82		"	10.2		27.6	61.2-150	Low Bias			
Ethyl Benzene	2.74		"	11.0		24.9	68.4-125	Low Bias			
Ethyl acetate	2.89		"	11.0		26.3	40.6-150	Low Bias			
Cyclohexane	2.84		"	10.8		26.3	60.4-127	Low Bias			
cis-1,3-Dichloropropylene	2.74		"	10.9		25.1	65.5-129	Low Bias			
cis-1,2-Dichloroethylene	3.03		"	10.8		28.1	51.3-118	Low Bias			
Chloromethane	2.76		"	10.3		26.8	64.9-130	Low Bias			
Chloroform	2.84		"	11.0		25.8	65.1-130	Low Bias			
Chloroethane	2.85		"	10.3		27.7	52.1-131	Low Bias			
Carbon tetrachloride	2.76		"	10.5		26.3	70-130	Low Bias			
Carbon disulfide	2.80		"	10.5		26.7	61.8-111	Low Bias			
Bromomethane	2.84		"	10.5		27.0	60.1-140	Low Bias			
Bromoform	2.89		"	10.9		26.5	58.7-150	Low Bias			
Bromodichloromethane	2.66		"	10.6		25.1	65.3-127	Low Bias			
Benzyl chloride	2.81		"	10.8		26.0	62.5-150	Low Bias			
Benzene	2.79		"	10.8		25.8	69.5-130	Low Bias			
Acetone	2.80		"	11.0		25.5	55.3-133	Low Bias			
2-Hexanone	2.34		"	10.9		21.5	52-150	Low Bias			
2-Butanone	2.88		"	10.9		26.4	28.5-154	Low Bias			
1,4-Dioxane	3.03		"	10.6		28.6	50-150	Low Bias			

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH31301 - EPA TO15 PREP											
LCS (BH31301-BS1)								Prepared & Analyzed: 08/28/2013			
1,4-Dichlorobenzene	2.93		ppbv	10.9		26.9	62.5-139	Low Bias			
1,3-Dichlorobenzene	2.95		"	10.8		27.3	71.9-153	Low Bias			
1,3-Butadiene	3.14		"	10.9		28.8	66.7-127	Low Bias			
1,3,5-Trimethylbenzene	2.88		"	11.0		26.2	65-152	Low Bias			
1,2-Dichlorotetrafluoroethane	2.99		"	10.5		28.5	63.3-129	Low Bias			
1,2-Dichloropropane	2.70		"	11.0		24.5	21.3-152				
1,2-Dichloroethane	2.70		"	10.7		25.2	51.2-124	Low Bias			
1,2-Dichlorobenzene	2.85		"	10.7		26.6	63.7-148	Low Bias			
1,2,4-Trimethylbenzene	2.93		"	11.0		26.6	67.9-152	Low Bias			
1,2,4-Trichlorobenzene	2.14		"	10.0		21.4	58-147	Low Bias			
1,1-Dichloroethylene	2.52		"	9.60		26.2	58.1-130	Low Bias			
1,1-Dichloroethane	2.67		"	10.3		25.9	63.3-130	Low Bias			
Trichlorofluoromethane (Freon 11)	2.88		"	11.0		26.2	56-132	Low Bias			
1,1,2-Trichloroethane	2.79		"	11.0		25.4	66-127	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.47		"	9.20		26.8	60.2-125	Low Bias			
1,1,2,2-Tetrachloroethane	2.77		"	11.0		25.2	63.7-132	Low Bias			
1,1,1-Trichloroethane	2.71		"	10.5		25.8	58.2-126	Low Bias			
Dichlorodifluoromethane	2.81		"	10.2		27.5	62.8-133	Low Bias			
1,2-Dibromoethane	2.84		"	11.0		25.8	70-130	Low Bias			
Dibromochloromethane	2.72		"	10.7		25.4	70-130	Low Bias			
Methyl Methacrylate	2.70		"	10.7		25.2	70-130	Low Bias			
Chlorobenzene	2.81		"	11.0		25.5	67.6-122	Low Bias			
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*70-130*				

Notes and Definitions

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

Page ___ of ___

York Project No. 13H1042

Client Information

Company: Hydro Tech Enviro
Address: 77 Arkay Drive
Hauppauge, NY 11788
Phone no.: 631.462.5866
Contact Person: Carlos Quinonez
E-mail Addr.: 1@hydrotechenviron
FAX No.: 631.462.5877

Report to:

SAME [X]
Name:
Company:
Address:
E-mail:
Fax No.:

Invoice To:

SAME [X]
Name:
Company:
Address:
E-mail
Fax No.:

Client Project ID

1936 West farms Rd
Bronx, NY

Purchase Order no.

5001

Samples from: CT__ NY_x_ NJ__

Turn-Around Time

RUSH Same Day ___
RUSH Next Day ___
RUSH Two Day ___
RUSH Three Day ___
RUSH Four Day ___
Standard (4 days) X
OTHER

Report Type/Deliverables

Summary ___
QA/QC Summary ___
CT RCP Pkg ___
ASP A Pkg ___
ASP B Pkg ___
Excel ___
EDD ___

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)
Carlos Quinonez
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Pest 360 Reactive	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Pest 360 Reactive	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Pest 360 Organics Base/Neutral Acids	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Pest 360 Organics Pesticides	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	H.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
OA-1/454	8/27/2013	Air-A	TO-15 Initial Vac -30 in. Hg Final vac -6 in. Hg.	6L summa

Preservation "X" those applicable: Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Comments

Samples Relinquished By — Date/Time: 8/28/13 1400 PM
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: K. Barle 8/28/13 1400 PM
Samples Received in LAB by — Date/Time: J. Barle 8/28/13-1930

Temperature on Receipt: N/A °C